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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEVADA

JULY 1949

Volume LXIV No. 7



SAN FRANCISCO: 1949

AT URMMA-CAMPAGN

J. C. Eberhardt, Section Director - Salt Lake City

GENERAL SUMMARY

July weather was favorable for grain harvesting and haying operations but ranges continued to become drier, especially at lower elevations, and extensive irrigation was necessary to keep crops and pastures in good condition. Showers over the eastern half of the State on the 3-4th and again on the 11-12th brought the only rainy periods for the month, with the exception of local thunderstorms over the extreme southern quarter of the State on the last day of the month, and the Reno area on the 12th. The northwestern corner of the State and the valley stations east of the High Sierras had no measurable precipitation during July. Local thunderstorms over the eastern and southern areas created a State average of 0.26 inch, which is 0.13 below normal or only 67 percent of the usual July total. Irrigation water supplies are generally low but critical shortages were not expected to develop. Reservoir carryover for the next irrigation season will be low unless stream flow is augmented by heavy precipitation. Ground-water levels are near normal for July except in the Las Vegas area where artesian pressures are a foot lower than last year.

Plus temperature departures in the Lower Humboldt Basin and the southern desert area were offset by the below normal averages in the interior stations and those in the upper Humboldt Basin to bring the July mean to 73.2 or 0.3 below normal. Monthly maximums were usual-

ly recorded on the 15 or 16th all over the State and extreme minimums in the first seven days or about the 21st. Extremely warm evenings on the 17th, 18th and 19th saw minimum readings in the high 80's at Las Vegas Airport, Lathrop Wells, Desert Game Range, Overton, Pahrump and Boulder City. A mass of cool air moved over the northern and central portions of the State on the 19th and 20th, with nighttime temperatures falling below the 40 mark at several stations.

The first hay crop was generally cut early in the month with near average yields. The second crop developed slowly but was ready for harvest in western areas by the end of the month. Ranges were very dry at lower elevations and forage very limited. Feed was more than plentiful at intermediate elevations and high elevations. Stock water is sufficient in most areas. Condition of cattle is slightly less than average but better than last year at this time. Sheep have not made the recovery from the severe winter that is evident among cattle. Some range lambs are now being shipped to market.

Grain harvest was in full swing in western fields and yields were above average. Sugar beet seed threshing was completed with near average yields though high winds caused considerable lodging. Cantaloupe harvest was speeded up by the warm days and nights at midmonth and was nearly completed by the end of the month.

SDG

TEMPERATURE

The average temperature for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 73.2°, 0.3° below an adjusted normal. The highest temperature recorded was 120° at Overton on the 16th which equals the previous all time high for the

State for the month of July recorded in 1942. The lowest temperature was 29° recorded at Fish Creek Ranch on the 1st. The highest monthly mean temperature was 91.1° at Overton; the lowest was 59.4° at Marlette Lake.

PRECIPITATION

The average precipitation for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 0.26 inch, 0.13 inch below an adjusted normal. The greatest monthly amount was 1.30 inches at Pioche;

the least was 0.00 at several stations. The greatest amount recorded in an observational day was 1.04 inches at Mt. Charleston Lodge on the 12th. The average number of days on which 0.01 inch or more of precipitation was recorded was 2.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per

year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

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PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

NEVADA
JULY 1949

Station	Sea level pressure extremes—Inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	Degree days 65° base
ELEO WB AIRPORT	30.15	2	29.63	18	7.6	-	-	-	42	59	26	24	-	10
ELY WB AIRPORT	30.20	10	29.70	26	10.8	42	S	18	-	-	-	-	79	16
LAS VEGAS WB AIRPORT	30.00	1	29.52	17	8.5	-	-	-	20	27	15	12	82	0
RENO WB AIRPORT	30.11	13	29.69	18	6.4	35	W	18	43	72	25	21	90	12
WINNEMUCCA WB CITY	30.06	1	29.64	17	7.5	35	S	10	-	-	-	-	79	0
# Fastest Mile														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	76.1	119	36	0.17	0.0	1	1910	72.9	110	28	0.65	0.0	3	1931	78.2	119	33	0.14	0.0	1
1890	74.0	118	28	0.15	0.0	1	1911	70.9	109	30	0.31	0.0	3	1932	72.7	116	30	0.43	0.0	2
1891	70.4	102	26	0.53	0.0	3	1912	68.6	113	25	0.67	0.0	4	1933	76.6	118	32	0.34	0.0	2
1892	70.6	115	30	0.67	0.0	1	1913	69.1	113	18	1.30	0.0	6	1934	74.5	118	27	0.20	0.0	1
1893	70.3	110	24	0.40	0.0	2	1914	72.4	118	32	0.52	0.0	3	1935	72.3	116	28	0.18	0.0	1
1894	71.7	108	32	0.75	0.0	5	1915	70.8	110	31	0.38	0.0	2	1936	76.0	115	34	0.79	0.0	5
1895	70.2	112	28	0.13	0.0	1	1916	71.0	113	30	0.31	0.0	2	1937	75.3	118	33	0.67	0.0	4
1896	72.7	112	33	0.79	0.0	2	1917	74.5	111	31	0.46	0.0	2	1938	72.5	115	33	0.76	0.0	4
1897	69.4	116	25	0.28	0.0	1	1918	72.9	112	21	0.33	0.0	2	1939	74.0	119	34	0.60	0.0	3
1898	73.5	114	30	0.12	0.0	1	1919	75.2	113	35	0.28	0.0	1	1940	72.7	117	31	0.01	0.0	1
1899	72.6	106	34	0.14	0.0	2	1920	72.7	113	33	0.14	0.0	1	1941	72.6	118	32	0.73	0.0	4
1900	70.9	113	33	0.37	0.0	1	1921	74.2	114	27	0.19	0.0	1	1942	76.0	120	29	0.10	0.0	1
1901	70.8	109	31	0.31	0.0	2	1922	74.1	116	33	0.54	0.0	3	1943	73.3	116	23	0.30	0.0	2
1902	67.9	116	25	0.44	0.5	2	1923	73.9	116	24	0.42	0.0	2	1944	71.2	113	26	0.07	0.0	1
1903	65.4	111	26	0.01	0.0	1	1924	73.0	117	31	0.16	0.0	1	1945	75.3	117	30	0.44	0.0	3
1904	68.7	110	30	0.51	0.0	3	1925	74.6	117	40	0.97	0.0	4	1946	73.4	116	31	1.00	0.0	4
1905	72.1	109	31	0.03	0.0	1	1926	74.1	116	33	0.43	0.0	3	1947	72.0	117	31	0.04	0.0	-
1906	74.7	114	32	0.68	0.0	4	1927	74.5	118	27	0.26	0.0	2	1948	71.7	118	25	0.05	0.0	1
1907	69.2	113	27	0.06	0.0	1	1928	73.6	114	32	0.16	0.0	1	1949	73.2	120	29	0.26	T	2
1908	74.3	116	32	0.42	0.0	3	1929	74.1	115	30	0.14	0.0	1							
1909	69.5	112	23	0.14	0.0	2	1930	73.1	115	30	0.16	0.0	1	PERIOD	72.6	120	18	0.38	T	2

CLIMATOLOGICAL DATA

NEVADA
JULY 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
COLUMBIA BASIN																		
CONTACT	68.8	-	101	31	38	21	19	0	.38	-	-	-	.0	0	-	3	-	0
JARBIDGE	63.6	- 1.4	96	31	33	21	4	0	.32	- .04	.32	4	.0	0	-	1	1	0
OWYHEE	67.4M	- 0.8	95	31	38	20	4	0	T	- .46	T	2+	.0	0	-	0	0	0
DIVISION	66.6	- 1.1							.23	- .25								
HUMBOLDT BASIN																		
BATTLE MOUNTAIN AP	71.5	-	103	15	38	21	24	0	.06	- .11	.06	4	.0	0	-	1	0	0
ELKO WB AP	68.3	- 1.0	100	15	36	21	22	0	.22	- .19	.09	2	.0	0	-	4	0	0
GOLCONDA	72.8	- 1.8	103	16	43	3+	30	0	.01	- .16	.01	4	.0	0	-	1	0	0
IMLAY	70.7	- 4.1	100	15+	34	4	27	0	.00	- .09	.00	-	.0	0	-	0	0	0
LANOILLE POWER HOUSE	68.2	- 0.4	91	30	38	2	1	0	.09	- .60	.09	2	.0	0	-	1	0	0
LOVELOCK	73.8	0.2	102	14+	45	1	25	0	.07	- .08	.06	3	.0	0	-	2	0	0
LOVELOCK DERBY FIELD	74.4	-	102	14+	44	6	26	0	.09	-	.08	3	.0	0	-	2	0	0
MALA VISTA RANCB	64.5M	-	97	15+	32	22	11	1	.11	-	.07	11	.0	0	-	2	0	0
RYE PATCB DAM	72.7	0.0	100	15+	42	1+	24	0	T	- .30	T	3	.0	0	-	0	0	0
WELLS	67.8	- 2.6	100	31	35	6+	17	0	.09	- .25	.04	11	.0	0	-	3	0	0
WINNEMUCCA WB CITY	73.7	3.1	101	14	45	7	24	0	T	- .21	T	3+	.0	0	-	0	0	0
DIVISION	70.8	- 0.8							.07	- .22								
TRUCKEE BASIN																		
FERNLEY	72.1	-	98	17	43	6+	11	0	T	-	T	11+	.0	0	-	0	0	0
GLENBROOK	66.4	-	93	14	40	4	5	0	.05	-	.03	30	.0	0	-	2	0	0
MARLETTE LAKE	59.4	- 1.3	79	14	42	1+	0	0	.04	- .10	.04	30	.0	0	-	1	0	0
NIXON	72.7	1.0	100	14	41	5	25	0	.00	- .22	.00	-	.0	0	-	0	0	0
RENO WB AP	68.9	0.8	96	15	38	5	20	0	.80	.55	.80	12	T	0	-	1	1	0
UNIVERSITY OF NEVADA EXP FARM	71.7	-	98	11	41	6	21	0	.09	-	.05	30	.0	0	-	2	0	0
DIVISION	68.5	0.2							.16	.08								
CARSON BASIN																		
CARSON CITY	70.4	1.2	99	16	40	7	19	0	T	- .17	T	31	.0	0	-	0	0	0
FALLON EXPERIMENT STATION	71.4	- 1.8	96	15+	43	5	17	0	.00	- .15	.00	-	.0	0	-	0	0	0
LABONTAN	79.1	0.9	102	15+	54	20	24	0	.00	- .17	.00	-	.0	0	-	0	0	0
DIVISION	73.6	0.1							T	- .16								
WALKER BASIN																		
MINA	78.1	- 0.1	103	15+	54	1	29	0	.00	- .25	.00	-	.0	0	-	0	0	0
SCHURZ	74.0	0.8	101	14	44	6	27	0	T	- .33	T	2	.0	0	-	0	0	0
SMITH	69.9	0.0	99	15	34	6	21	0	.02	- .52	.02	31	.0	0	-	1	0	0
THORNE	77.6M	- 0.6	105	15	43	20	31	0	.00	- .14	.00	-	.0	0	-	0	0	0
WELLINGTON RS	71.9M	-	96	23	42	6	15	0	.02	-	.02	30	.0	0	-	1	0	0
YERINGTON	70.5	- 0.1	100	15	35	6	26	0	.04	- .13	.04	11	.0	0	-	1	0	0
DIVISION	73.7	0.0							.01	- .27								
COLORADO BASIN																		
ALAMO	76.7	- 2.3	107	15	43	23	30	0	.42	- .29	.26	4	.0	0	-	2	1	0
BOULDER CITY	89.1	- 0.2	109	16+	71	2	31	0	.17	- .37	.11	4	.0	0	-	3	0	0
CALIENTE	74.8	- 0.5	104	16	46	25	28	0	.22	- .50	.17	4	.0	0	-	3	0	0
DESERT GAME RANGE	81.9	-	107	15	57	25	31	0	T	-	T	2+	.0	0	-	0	0	0
INDIAN SPRINGS	85.5	2.6	115	14+	56	28	31	0	.92	.58	.92	31	.0	0	-	1	1	0
LAS VEGAS	85.5	- 1.0	111	16	59	26+	31	0	.15	- .35	.15	4	.0	0	-	1	0	0
LAS VEGAS WB AP	89.4	2.3	114	15	66	4	30	0	.23	- .30	.16	4	.0	0	-	2	0	0
MOUNT CHARLESTON LODGE	65.5	-	87	15	44	7+	0	0	1.15	-	1.04	12	.0	0	-	3	1	1
OVERTON	91.1	0.6	120	16	63	26	31	0	.39	.27	.33	4	.0	0	-	2	1	0
PIOCHE	73.4	0.4	98	15	52	21	16	0	1.30	.62	.90	3	.0	0	-	6	1	0
DIVISION	81.3	0.2							.50	- .04								
MINOR BASINS																		
ADAVEN	69.2	- 1.2	94	16	47	7	7	0	.65	- .33	.29	3	.0	0	-	4	1	0
BASALT	70.8	-	99	15	46	5	9	0	.42	-	.35	4	T	0	-	3	1	0
BEATTY	82.3	2.1	109	15+	55	6	31	0	.00	- .15	.00	-	.0	0	-	0	0	0
COALDALE	79.0	-	110	15+	52	23	30	0	.10	-	.08	2	.0	0	-	2	0	0
CURRANT	69.2	-	97	12	38	16	15	0	.08	-	.04	13	T	0	-	3	0	0
ELY WB AP	66.3	2.8	93	15	38	21	5	0	.63	.01	.33	3	.0	0	-	7	1	0
FISB CREEK RANCB	62.8	-	93	16	29	1	4	1	.90	-	-	-	.0	0	-	2	-	0
GERLACH	77.8M	2.5	105	11+	50	1+	31	0	.00	- .18	.00	-	.0	0	-	0	0	0
GEYSER	72.5	-	94	14+	53	4+	10	0	.89	.49	.70	3	T	0	-	3	1	0
GOLDFIELD	72.1	- 1.5	98	16	48	20	15	0	.24	- .14	-	-	.0	0	-	4	0	0
KIMBERLY	68.3	- 1.1	90	18	38	6	1	0	.32	- .48	.14	5	.0	0	-	3	0	0
LATHROP WELLS	86.8	-	114	15+	57	2	31	0	.00	-	.00	-	.0	0	-	0	0	0
MC GILL	69.4	- 2.8	92	16	45	3	5	0	.43	- .22	.18	4	.0	0	-	5	0	0
MONTELLO	71.0	- 1.7	100	31	38	1	25	0	.22	- .12	.22	11	.0	0	-	1	0	0
PAHRUMP 2 N	85.8M	-	111	15	60	7	30	0	.12	-	.12	31	.0	0	-	1	0	0
RATTLESNAKE	74.5M	-	98	15+	50	7+	-	0	.16	-	.12	2	.0	0	-	2	0	0
RUBY LAKE	67.3	-	94	31	43	1+	2	0	.34	-	.12	3	.0	0	-	4	0	0
SAND PASS	73.9M	- 0.9	100	15	42	20	26	0	T	- .14	T	10	.0	0	-	0	0	0
SARCOBATUS	77.2	-	107	16	45	5+	31	0	.00	-	.00	-	.0	0	-	0	0	0
SEARCHLIGHT	84.9	0.8	108	15	63	7+	31	0	.63	- .41	.31	4	T	0	-	3	2	0
SHELDON	60.7	- 0.4	85	14+	30	20	0	1	T	- .32	T	11+	.0	0	-	0	0	0
SMOKEY VALLEY	73.1M	-	101	15	-	-	-	-	-	-	-	-	.0	0	-	-	-	-
TONOPAB	73.1	- 0.5	97	15	50	6	14	0	.45	.07	.42	31	.0	0	-	2	1	0
WILKINS	64.2M	-	96	15+	32	1+	9	2	.28	-	.28	4	.0	0	-	1	1	0
DIVISION	73.0	- 0.2							.30	- .15								
STATE	73.2	- 0.3							.26	- .13								

See reference notes following Station Index.

NEVADA
JULY 1949

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAVEN			.05	.29	.17							.14																				.65	
ALAMO				.16	.26																											.42	
ALAMO MNTC STA	R			.37	.10																												
ARTHUR	E		.03	.06										.06		.06																.19	
AUSTIN	Z		.09		.52			-	-	-	-																						
BASALT	E		.04		.35						T	.03																				.42	
BATTLE MTN AP	Z				.06																											.06	
BEATTY	Z																															.00	
BROWNE																																	
BOULDER CITY				.11	.01				.05										T													.17	
CALIENTE	Z			.03	.17					.42			.02																			.22	
CARD																																.42	
CARSON CITY																															T		
COALDALE			.08	T	.02				.03		T																					.10	
CONTACT	Z			*	.35																											.36	
CURRENT													.04								.03							.01				.06	
DESERT GAME RANGE			T	T																												T	
EASTGATE	R		.07	.06	.01																											.14	
ELKO WB AP	Z		.09		.05	T																										.22	
ELY WB AP	Z		.03	.33	.01				.01	T	.12	.08	T		.04				T													.63	
FALLON EXP STA																																.00	
FERNLEY											T	T																				T	
FERNLEY MNTC STA	R																															.00	
FISH CREEK RANCH	E		*	.90																												.90	
GERLACH																																.00	
GEYSER			T	.70	.05				T		.14																						

HOURLY PRECIPITATION

Table 4

NEVADA
JULY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOVELOCK DERBY FLD													-1st-												
													-2d-												
ARTHUR																	.03	.06							.09
AUSTIN												.07	.01												.08
BASALT								.01	.01	.01															.03
CALIENTE																					.03				.03
EASTGATE												.03	.04												.07
ELKO WB AP																	.07	.02							.09
ELY WB AP								.01	.02																.03
FISH CREEK RANCH									.02														.01		.12
JIGGS									.02																.05
PALMETTO		.06	.03	.01				.03			.01		.01				.01	.02							.13
PEQUOP																									.10
RATTLESNAKE								.02	.01								.10			.06	.04				.13
SEARCHLIGHT							.01	.01																	.02
													-3d-												
ALAMO MNTC STA			.05		.02	.01	.03																		.37
CALIENTE																					.06	.06	.13	.01	.11
EASTGATE																	.01	.04	.02	.01	.01	.02	.01	.05	.06
ELY WB AP																	.06								.33
FISH CREEK RANCH				.01	.01	.01				.02	.78	.01				.27	.01								.85
LOVELOCK DERBY FLD	-	-	-	-	-	-	-	-	-	-	-	-					.01								-
NORTH FORK MNTC STA																									.06
OVERTON						.04		.01												.06					.05
PALMETTO												.01					.02								.30
SEARCHLIGHT																.30									.03
SUNNYSIDE	-	-	-	-	-	-	-	-	-	-	-	-					.04	.01		.03	.08	.10	.01	.01	-
													-4th-												
ALAMO MNTC STA				.07	.02	.01																			.10
AUSTIN												.29	.12			.01			.03						.45
BASALT												.20	.12	.02		.02									.35
BATTLE MTN AP																	.01								.03
CALIENTE		.01		.07													.02	.01							.08
CONTACT																	.01	.18	.01	.15			.01		.35
EASTGATE																									.01
ELKO WB AP																	.05								.05
ELY WB AP																									.01
FISH CREEK RANCH	.01			.01															.01						.02
JIGGS																.50	.01								.51
LAS VEGAS WB AP					.16																				.16
NORTH FORK MNTC STA																	.04	.32	.08	.01					.45
OVERTON		.01	.28	.01																					.30
PALMETTO	.02																								.02
PEQUOP																	.02	.06	.03						.11
SEARCHLIGHT														.15	.13										.28
WELLS																			.02						.02
													-9th-												
CONTACT																	.01	.02							.03
ELY WB AP														.01											.01
													-10th-												
JIGGS														.08	.01										.09
													-11th-												
BASALT																							.03		.03
ELKO WB AP																	.05								.05
ELY WB AP																		.12							.12
MANHATTAN																					.14				.14
PEQUOP																	.05								.05
SUNNYSIDE																		.17	.13						.30
TONOPAH																							.02	.01	.03
WELLINGTON RS														.01					.01						.02
WELLS															.04										.04
YERINGTON SCS Y 1															.03										.03
													-12th-												
CALIENTE																				.01	.01				.02
ELY WB AP																	.08	.01							.09
LOVELOCK DERBY FLD																						.01			.01
MANHATTAN																		.02	.09						.11
RENO WB AP																	.53	.27							.80
													-13th-												
ARTHUR																			.05						.05
ELKO WB AP																	.03								.03
PEQUOP																.02									.02
RATTLESNAKE																		.04							.04
WELLS																	.02								.02
													-14th-												
MATHEWS RANCH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													-15th-												
ARTHUR																			.05					.01	.06
ELY WB AP																				.01	.03			.01	.04
													-24th-												
SCHELLBOURNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													-26th-												
ALAMO MNTC STA													-30th-												
WELLINGTON RS						.02							-31st-					.04	.03						.07
LAS VEGAS WB AP																						.02			.02
MANHATTAN														.01				.09							.10
OVERTON																	.42								.42
TONOPAH																									

See reference notes following Station Index.

DAILY TEMPERATURES

NEVADA
JULY 1949

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAVEN	MAX	87	85	78	85	80	81	87	83	85	90	83	84	88	91	93	94	92	90	88	87	85	87	83	82	86	88	88	84	84	90	88	86.1
	MIN	49	56	55	50	48	48	47	50	55	51	55	53	55	58	59	57	61	51	49	48	50	48	50	50	50	51	50	49	50	55	58	52.2
ALAMO	MAX	96	95	92	88	95	95	97	98	100	102	98	102	100	105	107	105	105	102	100	98	98	98	98	96	98	98	97	98	97	102	102	98.8
	MIN	44	67	65	62	58	50	50	50	57	58	63	60	59	63	59	64	63	59	61	59	47	45	43	49	48	47	46	48	47	50	54	54.5
AUSTIN	MAX	86	69	77	77	80	82																									81	
	MIN	43	48	46	49	46	43																									62	
BASALT	MAX	89	87	86	83	86	83	84	85	88	90	92	87	91	93	99	96	95	92	88	84	87	89	87	86	87	88	88	88	91	86	88.5	
	MIN	49	50	52	50	46	47	48	48	50	53	59	53	52	57	81	60	60	66	57	47	52	51	50	50	50	53	54	56	50	55	56	53.0
BATTLE MTN AP	MAX	94	83	90	86	89	89	92	95	98	98	95	94	96	99	103	98	93	95	90	82	92	94	93	87	88	94	91	94	97	98	99	93.1
	MIN	42	47	42	47	51	45	42	48	52	67	61	57	56	48	54	61	48	60	43	47	36	45	47	48	44	46	52	48	50	48	59	49.8
BEATTY	MAX	100	98	98	98	96	97	96	99	102	103	104	103	105	107	109	109	107	104	103	99	98	98	97	96	97	98	97	98	100	100	100	100.5
	MIN	58	75	70	65	61	55	57	60	66	63	65	72	72	71	71	70	68	65	61	60	58	57	56	59	60	60	60	60	60	68	66	64.1
BKOWAVE	MAX																																
	MIN																																
BOULDER CITY	MAX	100	102	93	90	98	99	98	102	104	102	104	103	104	107	111	109	109	106	104	101	101	102	101	100	99	97	97	97	99	104	102	101.5
	MIN	77	71	70	72	74	73	74	81	80	79	77	81	83	83	92	83	83	81	81	76	74	76	72	73	72	72	74	74	84	76	76.7	
CALIENTE	MAX	90	96	93	85	88	89	91	91	96	97	98	94	93	99	102	104	102	101	98	97	95	92	93	92	90	93	94	92	92	94	101	94.7
	MIN	48	65	64	58	56	53	51	48	55	56	64	56	54	56	58	60	59	59	58	61	49	49	47	55	46	48	54	52	53	51	57	54.8
CARSON CITY	MAX	77	83	91	91	86	85	81	86	91	94	95	97	95	97	97	99	94	93	87	84	88	90	87	84	82	90	89	92	94	96	90.0	
	MIN	45	50	51	44	41	40	45	49	51	52	53	55	52	54	57	53	50	61	57	51	48	46	46	51	44	51	46	54	57	59	59	50.7
COALDALE	MAX	100	86	90	91	96	98	99	100	100	98	101	102	101	108	110	106	110	103	100	99	100	101	99	97	98	100	99	96	98	99	99	99.5
	MIN	56	55	54	56	56	54	56	54	56	54	56	56	55	65	68	65	69	67	63	60	56	58	52	55	56	63	60	58	60	61	59	58.5
CONTACT	MAX	92	89	86	88	85	88	91	94	91	90	90	90	90	93	99	98	98	88	89	81	89	93	92	90	98	90	90	88	96	97	101	90.8
	MIN	43	43	51	54	50	47	43	47	53	45	46	49	53	48	50	56	41	50	49	46	38	47	46	45	40	44	45	45	47	48	48	45.5
CURRENT	MAX	86	84	87	87	91	92	89	91	93	96	95	97	94	91	89	84	85	87	92	96	95	89	88	89	92	91	86	85	91	86	84	89.7
	MIN	50	51	48	49	51	50	49	54	53	51	56	52	46	41	40	38	39	42	46	53	51	49	50	48	52	54	51	50	48	48	50	48.7
DESERT GAME RANGE	MAX	95	94	91	90	94	94	95	97	100	100	100	100	96	98	102	107	106	103	103	100	97	95	97	94	94	96	96	97	97	96	95	97.3
	MIN	62	67	74	66	65	60	59	59	66	65	77	69	69	68	69	72	70	74	80	67	63	60	64	57	60	65	65	70	65	71	66.4	
ELKO WB AP	MAX	92	80	84	82	87	89	91	92	92	91	91	90	94	95	100	94	92	92	89	81	90	93	92	85	86	90	90	91	94	95	99	90.4
	MIN	40	43	44	51	49	39	39	43	48	48	48	48	52	56	47	51	55	46	57	42	45	36	42	44	48	41	42	50	44	45	45	46.2
ELY WB AP	MAX	86	75	80	80	79	82	83	85	82	84	86	84	84	88	93	93	91	89	87	82	85	86	85	83	85	87	86	84	88	92	89	85.4
	MIN	42	55	53	44	49	46	46	45	48	44	51	47	45	45	50	52	48	50	48	42	38	45	47	48	42	44	51	50	49	50	48	47.2
FALLON EXP STA	MAX	84	89	83	90	87	86	85	88	91	93	94	93	92	93	96	96	94	92	91	88	82	88	89	89	86	87	91	90	90	90	94	89.7
	MIN	48	57	58	49	43	44	49	51	53	58	59	56	55	56	57	57	53	66	48	44	46	50	49	47	51	54	53	55	59	56	63	53.0
FERNLEY	MAX	89	88	90	89	88	88	88	89	94	94	92	95	95	91	95	94	98	85	79	82	85	83	79	80	86	82	82	89	95	85	88.2	
	MIN	54	56	56	50	50	43	43	47	61	63	66	58	56	57	65	55	56	64	50	44	54	57	50	48	49	62	58	64	65	65	67	55.9
FISH CREEK RANCH	MAX	84	80	77	77	80	83	84	85	80	86	89	89	85	87	90	93	90	90	89	86	80	86	86	86	83	85	86	87	84	84	86	85.1
	MIN	29	46	44	40	38	33	34	34	42	46	49	49	45	43	44	49	43	54	40	42	34	34	35	36	36	38	44	37	37	42	40.4	
GERLACH	MAX	90	94																														
	MIN	50	54	56	50	52	50	50	62	64	60	60	60	62	62	58	60	62	54	52	50	52	54	60	60	62	58	55	62	64	62	57.2	
GEYSER	MAX	88	81	80	80	82	84	84	88	88	89	85	87	90	94	94	94	91	90	87	87	88	87	88	88	89	88	87	91	94	93	88.1	
	MIN	61	57	57	53	54	58	57	61	61	58	54	51	60	63	64	61	60	58	58	54	55	55	53	55	56	55	53	58	55	54	56.9	
GLENBROOK	MAX	84	85	84	80	84	88	84	89	88	87	90	89	90	93	92	90	85	84	78	82	83	81	81	80	81	82	84	88	80	88	84	85.1

DAILY TEMPERATURES

Table 5-Continued

NEVADA
JULY 1949

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SEARCHLIGHT	MAX	97	93	91	92	95	95	94	97	101	100	97	98	101	106	108	106	105	100	97	97	97	96	96	96	95	96	95	96	97	99	98	97.8	
	MIN	70	72	71	72	65	64	63	68	75	76	73	72	73	80	82	80	83	78	76	76	79	76	67	70	65	66	65	63	65	71	77	72.0	
SHELDON	MAX	75	75	77	73	73	71	76	82	83	84	84	81	80	85	82	78	80	80	69	71	75	76	76	70	74	76	75	78	80	83	85	77.8	
	MIN	45	44	43	45	39	38	40	45	45	48	49	51	50	47	53	45	40	52	33	30	40	42	41	47	37	42	38	40	49	46	55	43.8	
SMITH	MAX	94	92	88	88	86	88	91	93	96	97	93	93	95	97	99	97	96	89	83	86	91	92	88	85	89	92	92	93	94	92	90	91.5	
	MIN	44	45	51	42	45	34	42	46	52	54	57	46	48	50	55	51	45	60	48	43	43	44	46	56	42	47	44	49	55	56	54	48.2	
SMOKEY VALLEY	MAX	90	79	89	85	85	84	85	87	93	91	92	90	90	94	97	94	93	92	89	89	89	88	85	85	87	90	88	88	89	92	91	89.0	
	MIN	53	58	58	55	55	50	55	57	59	60	63	56	58	61	63	63	61	65	54	51	53	54	56	52	53	58	57	57	60	61	57.1		
THORNE	MAX	98	95			95	95	97	98	97		100	96	97	103	105	104	104	99	94	95	96	95	95	98	98	97	95	100	96	97	99	97.9	
	MIN	55	48			49	51	52	51	50		57	52	62	63	67	62	63	55	43	56	59	60	62	59	54	50	70	64	68		57.3		
TONOPAH	MAX	90	79	89	85	85	84	85	87	93	91	92	90	90	94	97	94	93	92	89	84	89	89	88	85	87	90	88	88	89	92	91	89.0	
	MIN	53	58	58	55	55	50	55	57	59	60	63	56	58	61	63	63	61	65	54	51	53	54	56	52	53	58	57	57	60	61	57.1		
U OF N EXP FARM	MAX	92	90	88	86	85	87	90	94	96	96	98	95	96	99	96	97	95	88	84	86	90	91	85	84	88	91	91	93	94	96	91	91.4	
	MIN	48	51	50	46	44	41	46	49	53	55	57	56	53	55	57	55	53	60	50	46	50	48	49	50	45	53	51	55	60	60	63	51.9	
WELLINGTON RS	MAX	91	92	86	85	85	84	86	87	91	91	86	91	89	90	90	95	94	86	83	82	91	89	96	93	85	90	87	90	90	87	88	7	
	MIN	53	53	58	56	47	42	49	55	53	62	60	64	56	56	57	56	59	65	55	48	51	51	59	54	49	49	54	53	65	81	55.0		
WELLS	MAX	90	89	86	82	86	88	89	93	90	93	94	90	93	93	97	92	91	89	89	83	88	92	92	89	85	89	90	89	95	97	100	90.4	
	MIN	42	38	42	40	42	35	38	45	53	48	51	43	46	42	54	50	42	60	59	46	43	35	38	40	38	39	47	50	55	47	51	45.1	
WILKINS	MAX	88	86	84	86	82	85	86	89	88	86	88	88	89	91	96	91	88	89	90	87	88	90	86	89	80	86	87	88	88	92	94	86	88.5
	MIN	32	36	43	38	43	40	37	43	48	39	40	52	41	43	50	36	42	42	37	33	32	40	40	41	35	35	34	37	42	47	39.9		
WINNEMUCCA WB CITY	MAX	92	83	91	90	86	88	94	96	98	98	95	97	96	101	100	95	95	92	87	84	92	92	90	85	87	91	90	95	97	99	99	92.7	
	MIN	46	50	50	46	52	55	45	60	61	62	64	56	58	55	58	58	54	61	50	47	49	53	53	54	47	50	53	58	61	63	66	54.6	
YERINGTON	MAX	88	87	91	90	85	90	91	96	96	99	96	95	96	99	100	99	99	92	89	86	93	92	93	90	90	94	93	95	95	96	90	93.1	
	MIN	46	47	52	50	47	35	43	47	50	53	51	55	50	54	55	50	49	56	42	41	43	42	41	45	42	47	45	48	50	53	55	47.9	

EVAPORATION AND WIND MOVEMENT

Table 6

NEVADA
JULY 1949

Station		Day of month																														Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BOULDER CITY	EVAP	.53	.52	.24	.38	.38	.56	.55	.52	.61	.45	.49	.55	.80	.55	.48	.68	.80	.80	.80	.78	.86	.51	.54	.86	.41	.55	.84	.59	.53	.51	.70	17.36
	WIND	71	87	72	85	68	90	82	66	73	51	61	87	57	53	34	87	118	133	189	157	110	89	94	122	56	78	118	154	42	53	99	2708
	MIN	95	80	88	90	81	90	91	85	96	86	95	87	97	88	102	94	82	82	91	90	89	90	84	81	83	91	88	90	84	89	97	93.1
LABONTAN	EVAP	.64	.70	.70	.65	.66	.83	.63	.64	.86	.69	.66	.87	.70	.72	.72	.70	.88	.68	.88	.65	.83	.85	.85	.87	.81	.80	.82	.81	.84	.65	.70	66.1
	WIND	.37	.37	.28	.47	.38	.42	.46	.28	.37	.43	.48	.34	.38	.40	.45	.32	.43	.59	.49	.57	.26	.34	.45	.40	.44	.33	.39	.35	.35	.35	.37	12.29
	MIN	78	92	74	81	98	108	82	79	78	104	100	88	104	81	60	91	81	73	224	190	46	89	104	108	124	75	127	85	91	58	98	2988
RUBY LAKE	EVAP	.24	.48	.07	.08	.27	.46	.39	.37	.34	.30	.29	.26	.27	.23	.19	.35	.37	.34	.30	.48	.34	.21	.40	.49	.35	.32	.33	.38	.27	.33	.30	9.79
	WIND	30	25	33	11	43	43	36	28	26	18	20	22	21	20	12	10	24	17	34	57	30	12	36	14	30	18	22	30	11	10	7	750
	MIN	45	32	38	45	.58	.45	.58	.20	.77	.38	.68	.48	.42	.45	.57	.62	.49	.43	.45	.45	.43	.49	.82	.37	.46	.40	.48	.58	.53	.37	.47	14.79
RYE PATCH DAM	EVAP	.48	.54	.55	.60	.84	.69	.46	.153	.44	.53	.128	.152	.21	.80	.99	.68	.86	.128	.118	.128	.73	.56	.112	.88	.81	.70	.88	.168	.153	.41	.71	2864
	WIND																																
	MIN																																

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION. THE AVERAGE OF THESE DAILY TEMPERATURE EXTREMES IS GIVEN IN THE "TOTAL" COLUMN.

STATION INDEX

NEVADA
JULY 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elev (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp.	Precip.	Temp.	Precip.	Exp.		
ADAVEN	0046	NYE	CENTRAL	38 07	115 35	6250	P	4P	4P	35	35		RALPH HUBER	2 3 5
ALAMO	0099	LINCOLN	COLORADO	37 22	115 09	3446	M	6P	24	24			G L DAVIS	2 3 5
ALAMO MAINTENANCE STATION	0109	LINCOLN	COLORADO	37 22	115 09	4100	M	MID		9			STATE HIGHWAY DEPARTMENT	CLOSED 7/26
ARTHUR	0438	ELKO	EASTERN	40 48	115 11	6500	P	5P		38			MRS MADELYN O'DONNELL	2 3 4 5
AUSTIN	0507	LANDER	HUMBOLDT	39 30	117 05	6543	P	11P	11P	55	60		AIRWAYS OBSERVER	2 3 4 5
BASALT	0668	MINERAL	CENTRAL	38 00	118 16	6350	P	5P		7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5
BATTLE MOUNTAIN AIRPORT	0691	LANDER	HUMBOLDT	40 37	116 52	4528	P	MID	MID	5	79		AIRWAYS OBSERVER	2 3 4 5
BEATTY	0714	NYE	CENTRAL	36 54	116 45	3314	P	MID	MID	31	32		STATE HIGHWAY DEPARTMENT	2 3 4 5
BEOVAWE	0795	EUREKA	HUMBOLDT	40 36	116 29	4695	P	SS	SS	69	77		SOUTHERN PACIFIC COMPANY	2 3 5
BOULDER CITY	1071	CLARK	COLORADO	35 59	114 51	2525	P	4P	4P	17	17	14	BUREAU OF RECLAMATION	2 3 5 6
BUCKSKIN MOUNTAIN	1308	HUMBOLDT	HUMBOLDT	41 47	117 33	7800	P	VAR			2		U S FOREST SERVICE	S
CALIENTE	1358	LINCOLN	COLORADO	37 37	114 31	4402	M	8A	8A	25	27		S C S	2 3 4 5
CARSON CITY	1485	ORMSBY	CARSON	39 10	119 46	4675	P	9A	9A	53	56		STATE HIGHWAY DEPARTMENT	2 3 5
COALDALE	1755	ESMERALDA	CENTRAL	37 58	117 59	4646	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
COLD CREEK RANCB	1790	CLARK	COLORADO	36 25	115 44	6200	P	VAR			3		U S GEOLOGICAL SURVEY	S
CONTACT	1905	ELKO	COLUMBIA	41 47	114 45	5365	P	5P	5P	0	5		STATE HIGHWAY DEPARTMENT	2 3 4 5
COTTONWOOD RANCH	2020	LANDER	HUMBOLDT	40 06	117 21	5400	P	MID			2		W T JENKINS COMPANY	3 4
CURRENT	2078	NYE	CENTRAL	38 45	115 28	5183	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
DESERT GAME RANGE	2243	CLARK	COLORADO	36 26	115 21	3025	P	5P	5P	9	9		FISR & WILD LIFE SERVICE	2 3 5
DYER	2431	ESMERALDA	CENTRAL	37 43	118 05	4950	P	6P			1		D O NORRIS	3
EASTGATE	2477	CHURCHILL	CENTRAL	39 19	117 53	4000	P	MID			5		STATE HIGHWAY DEPARTMENT	3 4
ELKO WB AIRPORT	2573	ELKO	HUMBOLDT	40 50	115 47	5075	P	MID	MID	53	79		U S WEATHER BUREAU	2 3 4 5
ELY WB AIRPORT	2631	WHITE PINE	EASTERN	39 17	114 51	6297	P	MID	MID	10	10		U S WEATHER BUREAU	2 3 4 5
FALLON EXPERIMENT STATION	2780	CHURCHILL	CARSON	39 27	118 47	3965	P	8A	8A	45	53		U S EXPERIMENT STATION	2 3 5
FERNLEY MAINTENANCE STATION	2849	LYON	TRUCKEE	39 37	119 15	4160	P	MID			7		STATE HIGHWAY DEPARTMENT	2 3 4
FISH CREEK RANCH	2868	EUREKA	CENTRAL	39 16	116 00	6050	P	7A	7A	5	6		BARTHOLOMAE CORPORATION	2 3 4 5
GERLACH	3090	WASHOE	NORTHWESTERN	40 35	119 24	3980	P	8A	8A	36	37		U S GYPSUM COMPANY	2 3 5
GEYSER	3101	LINCOLN	EASTERN	38 38	114 38	5984	P	6P	6P	7	20		STATE HIGHWAY DEPARTMENT	2 3 5
GLENBROOK	3205	DOUGLAS	TRUCKEE	39 05	119 56	6400	P	6P	6P	9	9		ERNEST LEE	2 3 5
GOOLCONDA	3245	HUMBOLDT	HUMBOLDT	40 58	117 30	4392	P	8A	8A	56	70		SOUTHERN PACIFIC COMPANY	2 3 5
GOLDFIELD	3285	ESMERALDA	CENTRAL	37 43	117 13	5700	P	6P	6P	43	43		CALIFORNIA ELEC POWER CO	2 3 5
HARRISON PASS	3498	ELKO	HUMBOLDT	40 20	115 31	7300	P	VAR			2		U S FOREST SERVICE	S
HAWTHORNE RABBIT	3515	MINERAL	WALKER	38 32	118 39	4180	P	11P	11P	29	33		AIRWAYS OBSERVER	2 3 4 5
HIDDEN FOREST CAMP	3653	CLARK	COLORADO	36 43	115 13	8100	P	VAR			3		U S GEOLOGICAL SURVEY	S
IMLAY	3957	PERSHING	HUMBOLDT	40 40	118 10	4209	P	4P	4P	34	78		SOUTHERN PACIFIC COMPANY	2 3 5
INDIAN SPRINGS	3980	CLARK	COLORADO	36 34	115 40	3136	P	6P	6P	10	10		TIM HARNEDY	2 3 5
JACKS CREEK PASS	4026	ELKO	HUMBOLDT	41 34	116 00	7725	P	VAR			2		U S FOREST SERVICE	S
JARBIDGE	4038	ELKO	COLUMBIA	41 52	115 26	6100	P	5P	5P	10	10		A URDAHL	2 3 5
JIGGS	4086	ELKO	HUMBOLDT	40 25	115 40	5200	P	6P			4		MRS GERTRUDE L PETERS	3 4
KIMBERLY	4192	WHITE PINE	EASTERN	39 16	114 51	7230	P	4P	4P	21	21		CON COPPERMINES CORP	2 3 5
LARONANT	4349	CHURCHILL	CARSON	39 28	119 04	4200	P	8A	8A	38	42	23	TRUCKEE-CARSON IRRIG SVC	2 3 5 6
LAMOILLE POWER HOUSE	4395	ELKO	HUMBOLDT	40 41	115 28	6290	P	4P	4P	33	45	27	ELKO-LAMOILLE POWER CO	2 3 5 6
LAS VEGAS	4429	CLARK	COLORADO	36 10	115 09	2006	P	6P	6P	39	45		C P SQUIRES	2 3 5
LAS VEGAS WB AIRPORT	4436	CLARK	COLORADO	36 04	115 10	2162	P	MID	MID	12	12		U S WEATHER BUREAU	2 3 4 5
LATHROP WELLS	4457	NYE	CENTRAL	36 38	116 24	2659	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
LEE	4491	ELKO	HUMBOLDT	40 34	115 37	6000	P	9A			2		CECIL G YATES	3
LEE CANYON SUMMIT	4502	CLARK	COLORADO	36 18	115 41	9000	P	VAR			5		U S GEOLOGICAL SURVEY	S
LEEMAN CAVES NATIONAL MONUMENT	4514	WRITE PINE	EASTERN	38 59	114 13	6825	P	6P	6P	11	11		NATIONAL PARK SERVICE	2 3 5
LOVELOCK	4698	PERSHING	HUMBOLDT	40 26	118 28	3977	P	9A	9A	34	37		PAUL K GARDNER	2 3 5
LOVELOCK DERBY FIELD	4700	PERSHING	HUMBOLDT	40 04	118 34	3900	P	11P	11P	1	1		C A A	2 3 4 5
MALA VISTA RANCB	4824	ELKO	HUMBOLDT	41 17	115 15	5585	P	6P	6P	9	9		ARTHUR F HYDE	2 3 5
MANHATTAN POWER HOUSE	4835	NYE	CENTRAL	38 32	117 05	6950	P	MID			4		CALIFORNIA ELEC POWER CO	3 4
MARLETTE LAKE	4858	WASHOE	TRUCKEE	39 11	119 55	8000	P	6P	6P	22	22		JACK FERGUSON	2 3 5
MATTHEWS RANCB	4888	LINCOLN	COLORADO	37 30	114 13	0	P	MID			0		ROSS W MATTHEWS	3 4
MC DERMITT INDIAN RESERVATION	4939	HUMBOLDT	NORTHWESTERN	41 58	117 38	5100	P	MID			0		U S INDIAN SERVICE	2 3 5
MC GILL	4954	WHITE PINE	EASTERN	39 24	114 46	6340	P	7A	7A	37	60		KENNECOTT COPPER CORP	2 3 5
MINA	5168	MINERAL	WALKER	38 23	118 06	4350	P	8A	8A	54	54		SOUTHERN PACIFIC COMPANY	2 3 5
MINDEN	5191	DOUGLAS	CARSON	38 57	119 46	4700	P	5P	5P	49	57		U S FOREST SERVICE	2 3 4 5
MONTELEO	5352	ELKO	EASTERN	41 17	114 11	4877	P	8A	6P	27	71		SOUTHERN PACIFIC COMPANY	2 3 5
MOUNT CHARLESTON LODGE	5400	CLARK	COLORADO	36 16	115 39	7500	P	6P	6P	0	0		PAUL CHUMROW	2 3 5
NIXON	5605	WASHOE	TRUCKEE	39 48	119 20	3910	P	5P	5P	21	21		ALBERT MAUWEE	2 3 5
NORTH FORK MAINTENANCE STATION	5691	ELKO	HUMBOLDT	41 29	115 49	4500	P	8A			39		STATE HIGHWAY DEPARTMENT	3 4
OROVADA	5818	HUMBOLDT	NORTHWEST	41 34	117 47	4300	P	5P	5P	25	37		PETER CHRISTENSEN	2 3 5
OVERTON	5846	CLARK	COLORADO	36 33	114 27	1275	P	8A	8A	10	10		NATIONAL PARK SERVICE	2 3 4 5
OWHIE	5869	ELKO	COLUMBIA	41 57	116 06	4396	P	MID	MID	27	27		AIRWAYS OBSERVER	2 3 4 5
PAHRUMP 2 N	5890	NYE	CENTRAL	36 14	115 59	2683	P	5P	5P	0	0		PAHRUMP VALLEY FARMS INC	2 3 5
PAHRUMP RANCB	5897	NYE	CENTRAL	36 11	116 00	2669	P	VAR			5		U S GEOLOGICAL SURVEY	S
PALMETTO	5931	ESMERALDA	CENTRAL	37 27	117 45	6900	P	MID			4		JOHN DEAN	3 4
PARADISE VALLEY	6000	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P	MID			5		L T TURNER	3 4
PARADISE VALLEY RANGER STATION	6005	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P	5P			45		U S FOREST SERVICE	3
PEQUOP	6148	ELKO	EASTERN	41 04	114 32	6000	P	MID			5		STATE HIGHWAY DEPARTMENT	2 3 4
PIOCHE	6252	LINCOLN	COLORADO	37 56	114 28	6110	M	7P	7P	20	27		NORMAN N SORESEN	2 3 5
PRIMEAUX	6349	EUREKA	HUMBOLDT	40 40	116 19	6000	P	6P			4		ROY L PRIMEAUX	3
QUINN RIVER CROSSING	6504	HUMBOLDT	NORTHWEST	41 24	114 27	4087	P	6P	6P	25	25		GENERAL LIVESTOCK CO	2 3 4 5
RATTLENAKE	6630	NYE	CENTRAL	38 26	116 03	5913	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5
RED ROCK SUMMIT	6733	CLARK	COLORADO	36 08	115 31	6500	P	VAR			4		U S GEOLOGICAL SURVEY	S
RENO WB AIRPORT	6779	WASHOE	TRUCKEE	39 30	119 47	4397	P	MID	MID	61	61		U S WEATHER BUREAU	2 3 4 5
ROBERTS RANCB	6905	CLARK	CENTRAL	36 10	115 35	6100	P	VAR			5		U S GEOLOGICAL SURVEY	S
RUBY LAKE	7123	ELKO	EASTERN	40 12	115 30	6012	P	8A	8A	9	9	4	FISH & WILD LIFE SERVICE	2 3 5 6
RYE PATCH DAM	7192	PERSHING	HUMBOLDT	40 28	118 18	4161	P	5P	5P	14	14	9	BUREAU OF RECLAMATION	2 3 4 5 6
SAND PASS	7261	WASHOE	NORTHWEST	40 19	119 48	3900	P	6P	6P	34	34		ROSS F BONHAM	2 3 5
SAN JACINTO	7284	ELKO	COLUMBIA	41 53	114 41	5200	P	5P	5P	45	45		U C LAND & CATTLE CO	CLOSED 6/1
SARCOBATUS	7319	NYE	CENTRAL	37 17	117 00	4020	P	6P	6P	6	6		STATE HIGHWAY DEPARTMENT	2 3 5
SCHILLBOURNE	7330	WHITE PINE	EASTERN	39 48	114 44		P	MID			3		STATE HIGHWAY DEPARTMENT	3 4
SCHURZ	7358	MINERAL	WALKER	38 57	118 49	4124	P	5P	5P	29	29		WILLIE WILSON	2 3 5
SEARCHLIGHT	7369	CLARK	CENTRAL	35 28	114 55	3540	P	4P	4P	33	33		STATE HIGHWAY DEPARTMENT	2 3 4 5
SEVENTY ONE RANCB	7397	ELKO	HUMBOLDT	40 53	115 19	5550	P	7P	7P	8	8		MRS WM B WRIGHT	2 3 5
SHELDON	7443	WASHOE	NORTHWEST	41 51	119 38	6500	P	5P	5P	15	15		SHELDON GAME REFUGE	2 3 5
SMITH	7609	LYON	WALKER	38 49	119 24	4800	P	5P	5P	11	11		FRANK B MANN	2 3 5
SULPHUR	7873	HUMBOLDT	NORTHWEST	40 54	118 40	4044	P	4P	4P	34	34		WESTERN PACIFIC COMPANY	2 3 5
SUNNYSIDE	7908	NYE	CENTRAL	38 26	115 01		P	MID			1		CLAIR WHIPPLE	3 4
THORNE	8034	MINERAL	WALKER	38 36	118 36	4200	P	5P	5P	32	57		SOUTHERN PACIFIC COMPANY	2 3 5
TONOPAH	8160	NYE	CENTRAL	38 04	117 14	6101	P	11P	11P	42	42		AIRWAYS OBSERVER	2 3 4 5
TUSCARORA WILLIAMS RANCB	8349	ELKO	COLUMBIA	41 21	116 04	6400	P	6P			39		MRS IRENE WILLIAMS	3
UNIV OF NEVADA EXPERIMENT FARM	8500	WASHOE	TRUCKEE	39 31	119 47	4512	P	SS	SS	0	0		WALTER NELSON	2 3 5
WADSWORTH	8538	WASHOE	TRUCKEE	39 38	119 17	4077	P	6P	6P	26	43		W J NEELEY	CLOSED 6/1
WELLINGTON RANGER STATION	8977	LYON	WALKER	38 45	119 23	4800	P	5P	5P	6	7		U S FOREST SERVICE	2 3 4 5
WELLS	8988	ELKO	HUMBOLDT											

REFERENCE NOTES

NEVADA
JULY 1949

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygrometric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in June issue of this publication.
- SS This entry in time of observation column in Station Index means sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- VAR This entry in time of observation column in Station Index means variable.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, \$1.50 a year. (Yearly subscription includes Annual Summary.) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 537 Federal Office Building, San Francisco 2, California.

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

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CLIMATOLOGICAL DATA

NEVADA

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UNIVERSITY OF MICHIGAN

AUGUST 1949

Volume LXIV No. 8



J. C. Eberhardt, Section Director - Salt Lake City

GENERAL SUMMARY

Only a few scattered Nevada weather stations reported monthly precipitation totals greater than half-an-inch for August, to continue the comparatively dry weather which has persisted since June. While the months of July and August 1949 were not quite as dry as last year, the full summer season of June-July-August received less than one inch of moisture for the State as a whole, or about 62% of normal. There was slight variation from normal temperature considering the summer season, although June was warmer this year, while all three months were slightly below normal last season.

Moist air moving over the State from the south caused fairly general and substantial showers over some southern and eastern areas on the 22-23rd. However, only 12 reporting stations recorded amounts greater than half-an-inch and only Schurz and Smokey Valley reached the one-inch total for the month. Otherwise, precipitation was in the form of light showers over northern districts on the 1-2nd and over extreme western areas on the 28th.

Temperatures were generally highest during the first few days of the month, maximum readings near 100° being common throughout the State and repeating over southern counties during the closing days of the month. Minimum readings were usually observed on the 12th in southern areas and on the 25-26th or 29-31st in northern and western districts. Fish Creek Ranch, Wells and Wilkins were the only stations to report minimum readings below the freezing point.

High temperatures and extremely low humidities resulted in excessive drying of soils and ranges. Livestock forage was poor on the lower and intermediate ranges though still quite good most of the month at the higher elevations.

Cattle were drifting back to river bottom lands where pastures were maintained by irrigation. The fire hazard continued serious over lower and middle range lands. By the end of the month the drying effect was showing on high ranges as well as the valley pastures. Stock water is still sufficient and cattle and sheep remained in good condition in the Elko district. Livestock were beginning to lose weight rapidly on dry ranges of the west and north sections of the State as the month closed. Lincoln and Clark County pastures were reported in poor condition for this time of year. The Elko-Ely fall ranges were very dry but winter ranges were better than for a number of years.

Hay supplies were plentiful and the wild hay crop was above average in yield per acre and total production was considerably above average. Livestock may be generally classified as in fair to good but below average condition. The drying of range feed supplies resulted in some early marketing of range livestock. Lambs and cattle being shipped are somewhat lighter than usual.

Water supplies were low during the month but no critical shortages have been reported. Supplies will continue to be short until the fall storms begin. Reservoir carryover for the next irrigation season will be low.

The weather was good for haying operations and the small grain harvest was completed with yields a little better than average. Crops ready for harvest were in good condition but late crops were showing the effects of the drought. Some alfalfa hay was damaged by the thundershowers but the moisture had little effect on the dry ranges or the lowering water supply. Southern fields were being prepared for fall plantings by the close of the month.

SDG

TEMPERATURE

The average temperature for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 70.5°, 0.3° below an adjusted normal. The highest temperature was 114° recorded at Overton on the 3rd. The

lowest temperature recorded was 26° at Fish Creek Ranch on the 12th. The highest monthly mean temperature was 86.6° at Overton; the lowest was 56.4° at Marlette Lake.

PRECIPITATION

The average precipitation for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 0.28 inch, 0.22 inch below an adjusted normal. The greatest monthly amount was 1.15 inches at Schurz;

the least was 0.00 at eleven stations. The greatest amount recorded in an observational day was 1.12 inch at Schurz on the 2nd. The average number of days on which 0.01 inch or more of precipitation was recorded was 2.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

NEVAOA
AUGUST 1949

Station	Sea level pressure extremes— inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	130 a. E. S. T.	730 a. E. S. T.	130 p. E. S. T.	730 p. E. S. T.	Percent of possible	Degree days 65° base
ELKO WB AIRPORT	30.12	26	29.56	9	6.1	-	-	-	39	55	25	21	-	32
ELY WB AIRPORT	30.14	2	29.69	9	11.4	34	N	1	-	-	-	-	83	73
LAS VEGAS WB AIRPORT	30.00	1	29.59	8	7.7	-	-	-	18	27	14	10	90	0
RENO WB AIRPORT	30.13	12	29.71	9	5.6	28	NW	15	47	77	29	19	86	47
WINNEMUCCA WB CITY	30.10	29	29.56	9	6.8	28	S	22	-	-	-	-	76	0
# Fastest Mile														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperatures			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	73.2	117	29	1.06	0.0	2	1910	69.3	111	20	0.08	0.0	1	1931	73.3	115	28	0.86	0.0	3
1890	70.1	110	28	2.06	0.0	5	1911	67.3	110	27	0.01	0.0	1	1932	71.0	116	24	0.28	0.0	1
1891	72.0	101	25	0.44	0.0	2	1912	67.7	110	23	0.35	0.0	2	1933	72.2	120	22	0.19	0.0	1
1892	71.2	105	20	0.01	0.0	1	1913	70.4	109	25	0.75	0.0	5	1934	74.3	117	28	0.30	0.0	2
1893	71.1	104	25	0.26	0.0	2	1914	72.5	122	14	0.14	0.0	1	1935	72.6	114	29	0.38	0.0	2
1894	71.0	105	30	0.45	0.0	4	1915	73.3	112	32	0.08	0.0	1	1936	72.9	112	33	0.53	0.0	4
1895	70.6	112	24	0.15	T	1	1916	67.7	112	21	0.25	0.0	1	1937	73.7	119	27	0.08	0.0	1
1896	69.0	109	34	0.82	0.0	3	1917	70.6	108	32	0.35	0.0	2	1938	71.3	116	33	0.42	0.0	3
1897	73.3	110	31	0.31	0.0	2	1918	67.4	112	28	0.23	0.0	1	1939	73.5	117	26	0.34	0.0	2
1898	73.6	112	29	0.45	0.0	2	1919	72.6	111	32	0.09	0.0	1	1940	73.8	120	30	0.08	0.0	1
1899	63.7	99	20	0.82	T	3	1920	71.0	113	28	0.88	0.0	3	1941	68.4	110	18	1.28	0.0	5
1900	66.6	110	30	0.04	0.0	1	1921	71.8	110	30	0.42	0.0	2	1942	72.8	113	18	0.31	T	2
1901	68.3	101	29	2.05	0.0	6	1922	70.7	110	25	1.14	0.0	5	1943	70.0	115	21	0.15	0.0	1
1902	68.9	117	30	0.22	0.0	2	1923	69.3	108	24	0.65	0.0	3	1944	70.0	117	26	T	0.0	1
1903	69.7	114	28	0.10	0.0	1	1924	70.5	114	28	0.13	0.0	1	1945	71.1	112	23	1.05	0.0	4
1904	68.6	105	22	1.81	0.0	7	1925	68.2	112	21	0.86	0.0	5	1946	73.0	118	33	0.42	0.0	3
1905	70.7	108	31	0.27	0.0	1	1926	71.6	112	22	0.24	0.0	2	1947	70.2	115	24	0.29	T	2
1906	70.2	111	26	0.80	0.0	3	1927	69.9	111	21	0.37	0.0	2	1948	69.8	114	27	0.16	0.0	1
1907	67.7	109	22	0.31	0.0	2	1928	70.6	115	29	0.07	0.0	1	1949	70.5	114	26	0.28	T	2
1908	69.7	108	18	0.36	0.0	2	1929	74.1	111	31	0.68	0.0	3							
1909	70.9	112	25	0.48	0.0	2	1930	70.5	111	25	0.80	0.0	5	PERIOD	70.7	122	14	0.48	T	

† Less than one-half.

SLEET AND HAIL WERE INCLUDED IN OBTAINING SNOWFALL AVERAGES, BEGINNING WITH JANUARY 1949.

ACKNOWLEDGMENTS

In addition to the climatological data from some 8,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gauges—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording, rain gauges, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per

year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

CLIMATOLOGICAL DATA

NEVADA
AUGUST 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
COLUMBIA BASIN																		
CONTACT	68.5		98	1+	39	21+	13	0	.30		.30	4	.0	0		1	1	0
JARBIDGE	63.2	- 0.1	90	1+	35	13	4	0	.51	.14	.27	1	.0	0		2	1	0
OWYHEE	66.7M	1.4	94	2			4	0	.11	.23	.08	22	.0	0		3	0	0
DIVISION	66.1	0.6							.31	.04			.0					
HUMBOLDT BASIN																		
AUSTIN	68.0M	- 0.2			44	12		0	T	.57	T	1+	.0	0		0	0	0
BATTLE MTN AP	69.4		102	3	38	25	19	0	.21	.05	.19	1	.0	0		2	0	0
BEOWAWE	68.1M	- 3.5	100	3	36	21+		0	.31	.13	.23	23	T	0		2	0	0
ELKO WB AP	67.0	0.2	99	5	33	26	10	0	.22	.10	.08	3+	T	0		3	0	0
GOLCONDA	70.2	- 0.8	102	4	39	26	24	0	.00	.12	.00		.0	0		0	0	0
IMLAY	66.9M	- 4.2	100	3+	36	10		0	.00	.16	.00		.0	0		0	0	0
LAMOILLE PH	66.1	- 1.3	90	1	42	31	1	0	.00	.66	.00		.0	0		0	0	0
LOVELOCK DERBY FLD	70.7		102	3	40	20	14	0	.03		.03	22	.0	0		1	0	0
MALA VISTA RANCB	65.1		95	3	35	21+	10	0	.02		.02	21	.0	0		1	0	0
RYE PATCB DAM	70.6	- 0.1	100	3+	39	24	15	0	T	.13	T	1+	.0	0		0	0	0
WELLS	66.9	- 1.0	97	1+	31	25	14	1	.19	.06	.19	23	.0	0		1	0	0
WINNEMUCCA WB CITY	71.0	1.7	101	3	43	26	13	0	.11	.09	.09	9	.0	0		2	0	0
DIVISION	68.3	- 1.2							.09	.17			T					
TRUCKEE BASIN																		
FERNLEY	71.4		99	30+	42	24	13	0	.00		.00		.0	0		0	0	0
GLENBROOK	63.0		88	1+	40	12+	0	0	.45		.00		.0	0		2	0	0
MARLETTE LAKE	56.4	- 3.6	79	31	40	19	0	0	.47	.29	.44	28	.0	0		2	1	0
NIXON	68.5	- 2.2	101	3	39	8	11	0	.00	.16	.00		.0	0		0	0	0
RENO WB AP	65.3	- 0.4	98	3	37	21	8	0	.11	.11	.07	27	T	T	10	4	0	0
U OF N EXP FARM	67.9		98	2	41	12+	7	0	.31		.13	28	.0	0		3	0	0
DIVISION	65.4	- 2.1							.22	.01			T					
CARSON BASIN																		
CARSON CITY	67.4	- 0.2	96	1	37	19	8	0	.11	.18	.11	28	.0	0		1	0	0
FALLON EXP STA	68.8	- 2.0	97	4	44	24+	9	0	.00	.17	.00		.0	0		0	0	0
LAHONTAN	75.4	- 0.8	99	2+	53	12	11	0	.00	.24	.00		.0	0		0	0	0
DIVISION	70.5	- 1.0							.04	.20			.0					
WALKER BASIN																		
BAWTHORNE BABBIT	74.2	- 0.1	100	5	51	12	12	0	T	.25	T	3	.0	0		0	0	0
MINA	74.4	- 1.2	103	4	48	12	22	0	T	.34	T	1+	.0	0		0	0	0
SCHURZ	71.0	- 0.4	99	3	41	24	13	0	1.15	.76	1.12	2	.0	0		2	1	1
SMITH	66.6	- 1.3	97	2	35	25	9	0	.04	.23	.04	9	.0	0		1	0	0
THORNE	76.7M	0.9	103	3	49	20	30	0	.00	.22	.00		.0	0		0	0	0
WELLINGTON RS	68.1M		97	5	40	25	9	0	.17		.17	9	.0	0		1	0	0
YERINGTON	66.9	- 2.8	100	3	36	24+	14	0	.08	.16	.08	14	.0	0		1	0	0
DIVISION	71.1	- 0.8							.21	.07			.0					
COLORADO BASIN																		
ALAMO	71.8	- 4.6	103	2+	37	26	29	0	.04	.87	.04	23	.0	0		1	0	0
BOULDER CITY	85.8	- 1.6	108	2	66	12	29	0	.49	.01	.42	23	.0	0		3	1	0
CALIENTE	71.3	- 2.5	101	2	40	21	21	0	.41	.46	.25	23	.0	0		2	1	0
INDIAN SPRINGS	79.2	- 2.0	109	3+	48	12+	30	0	.02	.55			.0	0		2	0	0
LAS VEGAS	81.1	- 3.7	109	4	49	15	31	0	.67	.08	.52	1	.0	0		2	1	0
LAS VEGAS WB AP	85.1	0.3	110	2	59	17	30	0	.25	.28	.23	22	.0	0		2	0	0
MOUNT CHARLESTON LODGE	62.1		84	6+	41	16	0	0	.33		.24	22	.0	0		2	0	0
OVERTON	86.6	- 2.8	114	3	57	27	31	0	.51	.04	.41	23	.0	0		2	1	0
PIOCHE	71.1	0.0	94	1+	48	26	15	0	.68	.76	.41	23	T	0		2	2	0
DIVISION	77.1	- 2.1							.38	.35			T					
MINOR BASINS																		
ADAVEN	66.5	- 1.6	92	1	40	12	6	0	.32	1.05	.20	2	.0	0		5	0	0
BEATTY	78.0	- 0.3	106	4	51	12+	27	0	.06	.16	.06	22	.0	0		1	0	0
COALDALE	75.3		105	3+	49	11+	23	0	.23		.23	22	.0	0		1	0	0
ELY WB AP	64.5	3.2	92	4	37	25	5	0	.18	.93	.12	1	.0	0		3	0	0
FISH CREEK RANCB	60.2		91	6	26	12	6	14	.50		.31	23	.0	0		3	1	0
GERLACH	74.4	1.4	105	3	43	23	26	0	T	.15	T	12	.0	0		0	0	0
GEYSER	72.8		94	1	51	25	13	0	.36	.84	.36	3	.0	0		1	1	0
GOLDFIELD	69.1	- 2.8	96	6	44	12	9	0	.20	.38	.11	22	.0	0		2	0	0
KIMBERLY	66.0	- 1.2	90	1+	43	12	2	0	.05	.96	.05	2	.0	0		1	0	0
LATHROP WELLS	83.1		113	1	56	10	31	0	.00		.00		.0	0		0	0	0
LEHMAN CAVES NM	66.0M	- 3.5	93	4	40	12+	6	0	.71	.48	.42	24	.0	0		4	1	0
MC GILL	68.7	- 1.5	93	1	44	12	4	0	.47	.54	.27	23	.0	0		3	1	0
MONTELO	69.8	0.1	101	5	40	16	23	0	.76	.48	.33	23	.0	0		4	2	0
PAHRUMP 2 N	81.5		108	3	52	12	31	0	.08		.08	22	.0	0		1	0	0
QUINN RIVER CROSSING	69.4M	2.2	99	2+				0	.00	.20	.00		.0	0		0	0	0
RATTLESNAKE	71.0M		96	3				0	.25		.25	22	.0	0		1	1	0
RUBY LAKE	66.7M		92	4+	41	18+	5	0	.59		.29	23	.0	0		5	1	0
SAND PASS	70.8	- 1.7	100	3	42	6	16	0	.10	.05			.0	0		2	0	0
SARCOBATUS	72.2		104	3	41	11	23	0	.25		.25	22	.0	0		1	1	0
SEARCHLIGHT	82.7	1.1	104	2	56	10	29	0	.70	.74			.0	0		2		
SBELDON	59.0	- 1.6	85	3	33	8	0	0	.65	.42	.42	28	T	0		4	1	0
SMOKEY VALLEY	68.8		98	3	40	12	14	0	1.04		.67	1	T	0		3	2	0
TONOPAH	70.1	- 1.9	94	3+	46	24	8	0	.49	.09	.49	22	.0	0		1	1	0
WILKINS	63.2		96	5	30	16	11	5	.05		.02	4+	.0	0		3	0	0
DIVISION	70.4	- 0.5							.34	.38			T					
STATE	70.5	- 0.3							.28	.22			T					

See reference notes following Station Index.

DAILY PRECIPITATION

NEVADA
AUGUST 1949

Table 3

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAVEN	Z	.02	.20								.01										.02	.07										.32
ALAMO	Z																						.04									.04
ARTHUR	Z			.10																		.05	.10									.25
AUSTIN	Z	T	T	T																		T	T									T
BATTLE MTN AP	Z		.19																			.02	T									.21
BEATTY	Z																					.08										.06
BROWNE		.08	T	T							T						T				T	T	.23									.31
BOULDER CITY			.02																			T	.42		.05							.49
CALIENTE	Z			.16																			.25									.41
CARP				.02																		.41										.43
CARSON CITY		T																									.11					.11
COALDALE																						.23										.23
CONTACT	Z			.30																												.30
EASTGATE	R																						.08						T			.08
ELKO WB AP	Z	.08		.08	T						T						T					T	.08	.08					T			.22
ELT WB AP	Z	.12	T																			.02	.04					T				.18
FALLON EXP STA																																.00
FERMLEY																																.00
FERMLEY MNTC STA	R																						.02	.01								.00
FISH CREEK RANCH	Z		.05	.14																			.31									.50
GERLACH													T																			T
GEYSER			T	.36							T																					.38
GLENBROOK																T							T				*	.45				.45
GOLCONDA																																.00
GOLDFIELD		.09								T													.11									.20
HAWTHORNE BARBIT	Z			T																												T
IMLAT																																.00
INDIAN SPRINGS																						*	.02									.02
JARBIDGE		.27	T																			T	.24									.51
JIGGS	Z		.14																			.04	.02									.20
KIMBERLY			.05	T	T																											.05
LAMONTAN																																.00
LAMOILLE PH																																.00
LAS VEGAS		.52																						.15								.87
LAS VEGAS WB AP	Z																					.23	.02									.25
LATEROP WELLS																																.00
LEHMAN CAVES NM		.12							.10												T	T	.07	.42								.71
LOVELOCK DERBY FLD	Z								T													.03						T	T			.03
MALA VISTA RANCH																						.02	*									.02
MANHATTAN POWER HOUSE	R	.08																														.68
MARLETTE LAKE									T				T															.03	.44			.47
MC GILL			.16																													.47
MINA	T																					T	.27	.04								T
MONTELO				.11		.04																										.76
MOUNT CHARLESTON LODGE				T																		.24	.08	.28								.33
NIXON																																.00
NORTH FORK MNTC STA	Z	.10	.20																													.20
OVERTON	Z																															.51
OWYEE	Z	T		T																			.41									.11
PAHRUMP 2 N	Z								T					T	T		.02					.08						.01				.08
PALMETTO	R																					.04										.04
PARADISE VALLEY	R													.04									.02									.06
PEQUOP	R		.03																			.27	.23	.02								.55
PLOCHE		.27																				T	.41									.88
QUINN RIVER CROSSING	Z																															.00
RATTLESNAKE	Z																					.25										.25
RENO WB AP	Z								.01	.01																		.07	.02			.11
RUBY LAKE		.05	T	.03																		.20	.29	.02								.58
RYE PATCH DAM	Z	T																									T	T	*	.10		T
SAND PASS											T																					.10
SARCORATUS																																.00
SCHELLEBOURNE	H																					.25										.25
SCHURZ			1.12	.03																		.15										1.15
SEARCHLIGHT	Z																					T										.70
SHELDON		.01									.21	.01											*	.70					.42			.65
SMITH									.04																							.04
SNOKEY VALLEY		.67	.02																			.35										1.04
SULPHUR																																.00
THORNE																																.00
TONOPAH	Z	T																				.49										.49
TUSCARORA WILLIAMS HCH		*	.12																			T	T	T								.12
U OF N EXP FARM											.122																					

Table 4

HOURLY PRECIPITATION

NEVADA
AUGUST 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													-1st-												
BASALT																	.37	.02							.39
BATTLE MTN AP																	.04	.08	.03						.15
ELKO WB AP																	.01	.05							.06
ELY WB AP													.11							.01					.12
FISH CREEK RANCH														.01				.02	.02	.01	.03				.04
JIGGS																			.02	.02	.09				.14
MANHATTAN																			.04	.03		.01			.08
NORTH FORK MNTC STA																.02	.13			.08					.23
													-2d-												
CALIENTE												.02	.06	.08	.01	.01	.04	.01							.23
FISH CREEK RANCH							.01									.12	.01			.01					.15
PEQUOP																	.03				.01				.03
													-3d-												
ARTHUR					.01	.01																			.02
BASALT																	.02	.04							.06
ELKO WB AP																		.06	.02						.08
													-4th-												
CONTACT																		.29	.01						.30
													-9th-												
WELLINGTON RS													*	*	*	*	.17								.17
WINNEMUCCA WB CITY																					.08		.01		.08
													-10th-												
RENO WB AP																		.01							.01
													-11th-												
RENO WB AP																		.01							.01
													-14th-												
PARADISE VALLEY																		.03	.01						.04
YERINGTON SCS Y 1																				.03	.01				.04
													-17th-												
OWYHEE															.01	.01									.02
													-22d-												
ALAMO																								.03	.03
ARTHUR																		.05	.05						.10
BATTLE MTN AP									.01				.01					.02	.03						.02
BEATTY																						.08	.15	.23	
CALIENTE																						.02		.02	
ELY WB AP													*	*	*	*	*	*	*	*	.25				.25
FISH CREEK RANCH													.01	.01	*	*	*	*	*	*					.05
JIGGS																	.01	.02							.23
LAS VEGAS WB AP																				.08	.03	.01	.11		.23
LOVELOCE DERBY FLD																	.02	.01							.03
MANHATTAN					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
OVERTON													.01									.15	.01	.08	.06
OWYHEE																			.06						.04
PALMETTO						.03	.01						.01							.01	.06				.27
PEQUOP																				.05	.11	.07	.04	.01	.22
RATTLESNAKE																				.08	.13	.01	.01	.01	.15
SCHELLBOURNE																				.01	.04	.04	.03	.03	.09
SEARCHLIGHT						.01							.05	.02	.13	.09	.10	.05	.01				.05	.04	.46
TONOPAH													-23d-												
ALAMO	.01			.01														.02	.01						.02
ARTHUR								.01	.01																.05
AUSTIN																	.01	.01							.02
CALIENTE	.01		.01	.01																					.03
EASTGATE																	.03	.03							.06
ELKO WB AP																		.05	.03						.08
ELY WB AP	.01																								.04
FERNLEY MNTC STA																				.03		.01	.01		.02
JIGGS																	.01								.01
LAS VEGAS WB AP																	.02								.02
MANHATTAN	*	.49															.04	.06	.01			.01			.81
OVERTON	.02	.01		.01				.01																	.05
PARADISE VALLEY																		.02							.02
PEQUOP													.12					.08	.01			.01	.01		.23
SEARCHLIGHT				.01													.11	.41	.01						.54
WELLS													.15	.01											.16
													-24th-												
FERNLEY MNTC STA	.01																								.01
PEQUOP	.01	.01																							.02
													-27th-												
RENO WB AP																				.01		.02	.02	.02	.07
													-28th-												
OWYHEE																							.01		.01
RENO WB AP					.02																				.02
WINNEMUCCA WB CITY										.01										.01					.02
													-31st-												
MINDEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

DAILY TEMPERATURES

NEVADA
AUGUST 1949

Table 5

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAVEN	MAX 92	86	91	90	80	91	85	85	80	77	75	78	80	79	80	80	82	83	85	88	88	75	78	81	82	85	88	85	88	89	90	83.8	
ALAMO	MIN 55	58	57	55	55	57	55	49	46	42	40	42	40	45	45	44	43	48	46	47	48	48	55	50	48	45	45	48	52	52	54	49.1	
	MAX 101	103	103	103	102	101	99	88	92	95	93	80	92	82	91	82	93	85	87	98	100	88	85	85	94	97	88	98	100	100	101	96.2	
AUSTIN	MIN 54	68	64	56	53	55	51	51	45	41	41	39	41	41	42	40	40	38	39	38	42	62	83	53	41	37	42	51	49	44	47.3		
	MAX 88	92	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94.1		
BATTLE MTN AP	MIN 60	57	61	58	58	56	52	47	54	48	51	44	50	48	52	50	51	49	48	52	52	55	51	48	47	48	52	53	52	51	55	51.8	
	MAX 99	96	102	99	100	95	89	88	89	89	89	86	80	90	90	92	83	92	90	94	93	85	84	86	88	90	88	88	81	85	94	91.4	
BEATTY	MIN 64	58	53	58	49	48	44	45	52	45	38	50	41	42	51	45	47	42	40	41	40	50	48	41	38	40	44	80	51	48	53	47.4	
	MAX 100	103	105	106	105	104	103	86	94	89	89	88	82	83	80	91	93	94	97	97	100	100	86	81	94	95	94	98	88	100	101	88.4	
	MIN 69	72	64	67	66	67	71	55	56	52	55	51	56	51	53	55	56	57	57	58	60	88	57	58	54	55	58	85	82	82	82	58.8	
BROWAWA	MAX 98	94	100	98	99	94	88	87	90	89	89	89	89	89	89	90	90	88	91	88	84	88	81	80	82	85	89	83	87	88	82	83	88.8
BOULDER CITY	MIN 66	49	55	51	45	49	43	47	54	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	46.3	
	KAX 102	108	106	106	101	105	94	96	90	90	89	93	93	91	92	95	97	97	99	103	104	94	89	86	89	87	97	104	103	104	104	88.0	
CALIENTE	MIN 76	81	79	81	81	79	75	71	70	67	69	66	70	70	69	69	70	70	73	74	76	81	67	67	73	72	74	77	75	77	77	73.5	
	MAX 100	101	87	100	100	99	99	93	92	87	85	85	89	88	87	88	89	91	92	95	85	96	92	85	88	90	93	85	86	87	97	92.8	
CARSON CITY	MIN 59	63	60	58	55	59	58	57	51	46	45	43	42	45	44	42	42	41	42	44	40	55	61	54	46	42	51	51	51	48	47	48.7	
	MAX 96	88	94	95	94	92	88	86	82	88	81	86	84	82	85	85	87	92	88	81	90	89	86	84	81	83	88	87	81	79	83	88.9	
COALDALE	MIN 55	57	52	50	49	55	55	44	48	45	51	38	43	46	47	48	48	42	37	40	42	50	57	40	41	41	49	54	50	52	55	47.8	
	MAX 103	101	105	105	104	98	98	92	88	87	87	88	88	89	90	91	95	98	98	98	92	80	85	90	94	96	95	87	98	100	100	94.5	
	MIN 65	66	67	64	56	60	58	56	55	53	49	50	51	50	49	52	55	51	56	54	53	55	56	55	58	54	54	56	83	82	82	56.0	
CONTACT	MAX 98	92	98	96	96	96	96	89	82	84	90	86	85	89	88	89	89	90	91	89	93	87	80	83	87	88	83	84	85	91	88	88.3	
ELKO WB AP	MIN 59	62	54	60	57	54	48	53	52	47	42	49	47	42	43	42	41	41	41	42	43	39	51	53	44	39	39	44	62	47	44	40	47.7
	MAX 95	95	98	98	96	99	95	88	88	85	85	84	88	87	86	89	88	88	88	94	91	81	74	83	86	88	88	88	88	89	94	93	88.0
ELY WB AP	MIN 63	55	55	53	48	50	46	44	50	46	40	49	40	42	44	41	43	40	39	35	38	46	44	38	34	33	42	53	45	45	50	44.9	
	MAX 90	88	91	92	92	90	87	84	80	79	77	79	81	79	81	80	82	84	85	86	87	75	76	80	83	84	87	88	88	88	84	84.1	
FALLON EXP STA	MIN 58	51	51	56	57	57	51	39	53	40	37	38	42	43	43	39	38	38	38	40	40	55	46	45	37	38	41	52	42	42	42	44.8	
	MAX 94	94	95	97	95	93	90	85	84	85	83	82	83	85	85	85	87	87	86	86	90	83	83	84	83	84	86	81	83	88	92	87.0	
FERNLEY	MIN 61	61	47	57	47	49	52	47	55	45	47	45	47	48	45	49	55	47	45	46	45	52	55	44	44	49	52	59	55	52	56	50.6	
	MAX 91	85	94	97	92	86	83	90	82	82	85	86	86	86	88	94	91	84	91	89	87	82	84	89	80	93	81	75	94	98	89	88.2	
	MIN 66	65	61	53	53	56	58	50	62	57	58	51	46	57	58	57	59	56	54	54	46	54	49	42	45	47	55	55	53	57	59	54.8	
FISR CREEK RANCR	MAX 90	90	90	90	90	91	89	89	89	80	76	79	80	82	80	82	81	84	86	87	88	89	74	79	80	83	83	81	87	85	88	84.6	
GERLACR	MIN 47	48	46	44	42	42	38	33	33	27	27	26	29	31	33	29	30	31	29	27	46	48	36	32	32	32	36	39	37	41	35.8		
	MAX 103	102	105	103	100	102	103	98	96	90	92	89	90	92	93	92	93	92	89	94	96	97	89	89	89	92	80	94	102	94	101	85.2	
GEYSER	MIN 60	61	64	58	50	61	60	58	62	54	50	52	55	53	50	52	50	52	50	50	49	48	43	50	52	54	51	53	55	50	58	53.8	
	MAX 94	91	92	93	91	93	92	87	82	81	81	81	83	81	83	83	85	87	89	88	90	82	77	78	86	88	91	91	90	82	92	86.8	
GLENBROOK	MIN 56	53	58	58	58	59	58	58	52	57	57	58	59	57	58	58	57	57	53	52	55	55	64	63	51	64	67	65	68	67	67	58.7	
	MAX 88	85	88	86	88	72	72	80	72	74	76	78	79	78	76	78	80	81	84	80	76	78	80	82	85	80	70	84	84	86	87	80.1	
GOLCONDA	MIN 52	51	52	50	55	48	48	44	45	44	45	40	42	44	42	45	42	42	45	40	42	44	43	45	44	46	43	48	50	50	51	45.8	
	MAX 100	101	100	102	99	99	96	95	90	90	90	90	86	90	91	91	95	92	92	94	95	95	84	86	88	88	88	89	90	93	95	92.7	
	MIN 54	53	55	58	58	52	53	48	50	48	45	41	51	45	44	45	49	44	42	44	43	42	51	47	48	39	43	44	45	47	48		

DAILY TEMPERATURES

NEVADA
AUGUST 1949

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SMITH	MAX	96	97	96	95	93	86	87	88	83	83	82	86	86	86	87	88	89	83	89	92	85	84	79	87	88	89	82	83	91	96	94	88.1
	MIN	55	58	53	50	44	58	59	47	53	43	45	36	38	43	43	44	44	38	36	39	38	45	39	38	35	40	45	54	43	46	47	45.0
SMOKEY VALLEY	MAX	95	95	98	97	95	92	93	90	88	81	80	80	84	83	84	84	86	88	89	89	90	80	87	81	85	88	90	90	91	93	94	88.3
	MIN	56	55	55	55	55	50	49	60	61	52	41	40	42	45	57	47	45	43	45	42	43	42	55	45	45	44	49	53	52	53	53	49.3
THORNE	MAX	98	100	103	100	101	100		98	98	100	94	92	98		101	98	98	93	93	91		97	91	89	90	91	90		81	98	98	96.0
	MIN	65	65	65	63	62	63		60	55	62	60	55	55		50	57	54	56	53	49		56	60	52	52	54	51		54	60	61	57.4
TONOPAH	MAX	91	92	94	94	92	91	88	86	80	78	79	82	82	81	81	82	84	87	87	89	88	78	78	84	84	85	82	88	88	91	93	85.7
	MIN	60	59	62	63	60	65	56	51	53	51	50	48	48	52	53	50	55	53	51	55	56	52	50	46	50	53	57	57	54	59	60	54.5
U OF N EXP FARM	MAX	95	98	97	94	91	87	85	89	82	80	81	84	86	85	86	89	89	83	88	89	87	83	81	85	86	87	78	79	88	94	97	87.2
	MIN	60	62	55	51	51	49	53	44	50	48	48	41	42	49	49	47	50	43	41	45	44	50	49	41	41	45	50	54	50	53	52	48.6
WELLINGTON RS	MAX	92	95	96	93	97		87	86	80	79	79	83		85	83	84	86	84	85	90	85	83	80	85	85	83	87	77	81	86	91	85.8
	MIN	58	60	60	60	52		63	47	56	51	51	43		45	43	50	51	45	43	50	46	52	49	43	40	44	46	53	59	50	53	50.4
WELLS	MAX	97	97	97	95	97	95	92	88	87	84	84	84	87	88	85	90	87	90	88	92	91	86	77	83	86	88	89	87	90	93	92	89.2
	MIN	56	56	54	54	49	49	45	50	58	39	39	41	36	38	40	38	39	41	37	41	36	43	51	40	31	33	44	58	39	49	54	44.5
WILKINS	MAX	94	94	95	95	96	94	90	83	85	83	82	81	88	85	88	87	85	89	93	90	91	80	79	81	85	84	86	87	89	91	89	87.7
	MIN	46	52	45	50	45	42	46	39	43	38	41	44	34	34	32	30	32	31	33	35	34	44	46	34	31	33	36	34	39	38	40	38.7
WINNEMUCCA WB CITY	MAX	98	99	101	97	98	93	85	89	90	82	88	85	88	89	89	93	89	87	90	92	89	85	84	85	86	89	86	81	91	95	96	90.0
	MIN	73	64	58	59	53	50	53	54	58	51	44	53	46	50	56	46	55	50	46	44	46	48	54	46	45	43	46	58	50	52	58	51.9
YERINGTON	MAX	98	99	100	98	98	90	90	89	81	82	83	88	89	88	89	90	91	89	88	95	87	83	86	87	88	90	83	84	90	96	97	89.9
	MIN	53	55	53	50	45	47	52	41	42	41	43	38	43	40	41	43	42	38	37	43	38	48	42	36	36	37	44	51	45	48	47	43.8

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BOULDER CITY	EVAP	.58	.46	.52	.48	.54	.54	.53	.37	.63	.51	.47	.41	.56	.48	.45	.43	.27	.42	.51	.44	.46	.36	.20	.36	.35	.54	.37	.36	.42	.41	.46	13.89
	WIND	75	52	65	60	94	84	159	84	130	100	84	59	83	86	84	64	54	45	67	54	44	94	74	68	67	78	37	42	46	49	50	2232
	MIN	98	101	100	98	95	95	87	92	83	86	85	89	87	85	83	87	89	88	88	92	91	82	91	88	86	86	85	91	90	92	92	89.7
LABONTAN	EVAP	.69	.70	.70	.69	.68	.70	.68	.67	.59	.56	.58	.56	.59	.55	.55	.57	.59	.57	.57	.57	.60	.64	.65	.65	.62	.56	.59	.65	.64	.64	.62	9.12
	WIND	.32	.37	.37	.41	.36	.33	.35	.48	.38	.39	.30	.26	.28	.27	.41	.32	.36	.29	.33	.34	.19	.14	.13	.29	.22	.21	.20	.15	.18	.19	.30	9.12
	MIN	116	97	81	104	75	77	125	72	110	149	123	127	117	109	106	128	120	100	103	66	77	17	30	101	88	84	77	66	121	54	143	2963
RUEY LAKE	EVAP	.34	.18	.24	.44	.22	.53	.33	.30	.24	39	*	.69	.39	.29	.29	.19	.26	.34	.32	.35	.37	.13	.24	.15	.31	.30	.27	.22	.20	.32	.20	9.04
	WIND	33	7	9	39	26	48	9	16	70	46	*	50	33	20	16	26	2	27	45	21	46	20	35	25	39	29	7	20	32	5	21	822
	MIN	.38	.54	.42	.54	.36	.57	.45	.49	.48	.31	.36	.48	.40	.37	.47	.45	.37	.52	.31	.36	.40	.29	.38	.19	.48	.15	.38	.22	.32	.37	.52	12.33
RYE PATCH DAM	EVAP	.46	.56	.55	.92	.68	.80	.81	200	91	87	80	77	56	56	87	61	51	74	54	39	65	58	74	55	48	40	34	115	63	44	175	2262
	WIND																																
	MIN																																

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION. THE AVERAGE OF THESE DAILY TEMPERATURE EXTREMES IS GIVEN IN THE "TOTAL" COLUMN.

STATION INDEX

NEVADA
AUGUST 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elev (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp.	Precip.	Temp.	Precip.	Evap.		
ADAVEN	0048	NYE	CENTRAL	38 07	115 35	6250	P	4P	4P	35	35		RALPH HUBER	2 3 5
ALAMO	0099	LINCOLN	COLORADO	37 22	115 09	3446	M	SS	SS	24	24		G L DAVIS	2 3 4 5
ALAMO MAINTENANCE STATION	0109	LINCOLN	COLORADO	37 22	115 09	4100	M	SS	SS				STATE HIGHWAY DEPARTMENT	CLOSED 7/28
ARTHUR	0438	ELKO	EASTERN	40 48	115 11	6500	P	5P	5P				MRS MADELYN O'DONNELL	3 4
AUSTIN	0567	LANDER	HUMBOLDT	39 30	117 05	6543	P	11P	11P	55	60		AIRWAYS OBSERVER	2 3 4 5
BASALT	0668	MINERAL	CENTRAL	38 00	118 16	6350	P	5P	5P				STATE HIGHWAY DEPARTMENT	2 3 4 5
BATTLE MOUNTAIN AIRPORT	0691	LANDER	HUMBOLDT	40 37	116 52	4528	P	MID	MID	5	79		C A A	2 3 4 5
BEATTY	0714	NYE	CENTRAL	36 54	116 45	3314	P	MID	MID	31	32		AIRWAYS OBSERVER	2 3 4 5
BEOWAVE	0795	EUREKA	HUMBOLDT	40 36	116 29	4695	P	SS	SS	69	77		SOUTHERN PACIFIC COMPANY	2 3 5
BOULDER CITY	1071	CLARK	COLORADO	35 59	114 51	2525	P	4P	4P	17	17	14	BUREAU OF RECLAMATION	2 3 5 8
BUCKSKIN MOUNTAIN	1308	HUMBOLDT	HUMBOLDT	41 47	117 33	7800	P	VAR	VAR				U S FOREST SERVICE	S
CALIENTE	1358	LINCOLN	COLORADO	37 37	114 31	4402	M	5P	5P	25	27		S C S	2 3 4 5
CARSON CITY	1485	ORMSBY	CARSON	39 10	119 46	4675	P	9A	9A	53	56		STATE HIGHWAY DEPARTMENT	2 3 5
COALDALE	1755	ESMERALDA	CENTRAL	37 58	117 59	4646	P	6P	6P	10	10		STATE HIGHWAY DEPARTMENT	2 3 5
COLD CREEK RANCH	1790	CLARK	COLORADO	36 25	115 44	6200	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
CONTACT	1905	ELKO	COLUMBIA	41 47	114 45	5365	P	5P	5P	0	5		STATE HIGHWAY DEPARTMENT	2 3 4 5
COTTONWOOD RANCH	2020	LANDER	HUMBOLDT	40 06	117 21	5400	P	MID	MID				W T JENKINS COMPANY	CLOSED 8/16
CURRENT	2078	NYE	CENTRAL	38 45	115 28	5183	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
DESERT GAME RANGE	2243	CLARK	COLORADO	36 26	115 21	3025	P	5P	5P	9	9		FISH & WILD LIFE SERVICE	2 3 5
DYER	2431	ESMERALDA	CENTRAL	37 43	118 05	4950	P	6P	6P				D O NORRIS	3
EASTGATE	2477	CHURCHILL	CENTRAL	39 19	117 53	4000	P	MID	MID				STATE HIGHWAY DEPARTMENT	2 3 4
ELKO WB AIRPORT	2573	ELKO	HUMBOLDT	40 50	115 47	5075	P	MID	MID	53	79		U S WEATHER BUREAU	2 3 4 5
ELY WB AIRPORT	2631	WHITE PINE	EASTERN	39 17	114 51	6257	P	MID	MID	10	10		U S WEATHER BUREAU	2 3 4 5
FALLON EXPERIMENT STATION	2780	CHURCHILL	CARSON	40 27	118 47	3965	P	8A	8A	45	53		U S EXPERIMENT STATION	2 3 5
FERNLEY MAINTENANCE STATION	2849	LYON	TRUCKEE	39 37	119 15	4160	P	MID	MID				STATE HIGHWAY DEPARTMENT	3 4
FISH CREEK RANCH	2860	EUREKA	CENTRAL	39 16	116 00	6050	P	7A	7A	5	6		BARTHOLOMAE CORPORATION	2 3 4 5
GERLACH	3090	WASBOE	NORTHWESTERN	40 35	119 24	3980	P	8A	8A	36	37		U S GYPSUM COMPANY	2 3 5
GETSER	3101	LINCOLN	EASTERN	38 38	114 38	5984	P	6P	6P	7	20		STATE HIGHWAY DEPARTMENT	2 3 5
GLENBROOK	3205	DOUGLAS	TRUCKEE	39 05	119 56	6400	P	6P	6P	9	9		ERNEST LEE	2 3 5
COLCONDA	3245	HUMBOLDT	HUMBOLDT	40 58	117 30	4392	P	8A	8A	56	70		SOUTHERN PACIFIC COMPANY	2 3 5
GOLDFIELD	3285	ESMERALDA	CENTRAL	37 43	117 13	5700	P	6P	6P	43	43		CALIFORNIA ELEC POWER CO	2 3 5
HARRISON PASS	3498	HUMBOLDT	HUMBOLDT	40 20	115 31	7300	P	VAR	VAR				U S FOREST SERVICE	S
HAWTHORNE RABBIT	3515	MINERAL	WALKER	38 32	118 39	4180	P	11P	11P	29	33		AIRWAYS OBSERVER	2 3 4 5
HIDDEN FOREST CAMP	3653	CLARK	COLORADO	36 43	115 13	8100	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
IMLAY	3957	PERSHING	HUMBOLDT	40 40	118 10	4209	P	4P	4P	34	78		SOUTHERN PACIFIC COMPANY	2 3 5
INDIAN SPRINGS	3980	CLARK	COLORADO	36 34	115 40	3136	P	6P	6P	10	10		TIM HARNEDY	2 3 5
JACKS CREEK PASS	4026	ELKO	HUMBOLDT	41 34	116 00	7725	P	VAR	VAR				U S FOREST SERVICE	S
JARBIDGE	4038	ELKO	COLUMBIA	41 52	115 26	6100	P	5P	5P	10	10		A URDARL	2 3 5
JIGGS	4086	ELKO	HUMBOLDT	40 25	115 40	5200	P	6P	6P	4	4		MRS GERTRUDE L PETERS	3 4
KIMBERLY	4199	WHITE PINE	EASTERN	39 16	114 52	7230	P	4P	4P	21	21		CON COPPERMINES CORP	2 3 5
LAMONTAN	4349	CHURCHILL	CARSON	39 28	119 04	4200	P	8A	8A	38	42	23	TRUCKEE-CARSON IRRIG SVC	2 3 5 6
LAMOILLE POWER HOUSE	4395	ELKO	HUMBOLDT	40 41	115 28	6290	P	4P	4P	33	45	27	ELKO-LAMOILLE POWER CO	2 3 5 6
LAS VEGAS	4429	CLARK	COLORADO	36 10	115 09	2006	P	6P	6P	39	45		C P SQUIRES	2 3 5
LAS VEGAS WB AIRPORT	4436	CLARK	COLORADO	36 04	115 10	2162	P	MID	MID	12	12		U S WEATHER BUREAU	2 3 4 5
LATHROP WELLS	4457	NYE	CENTRAL	36 38	116 24	2659	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
LEE	4491	ELKO	HUMBOLDT	40 34	115 37	6000	P	9A	9A				CECIL G YATES	3
LEE CANYON SUMMIT	4502	CLARK	COLORADO	36 18	115 41	9000	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
LEMAN CAVES NATIONAL MONUMENT	4514	WHITE PINE	EASTERN	38 59	114 13	5825	P	6P	6P	11	11		NATIONAL PARK SERVICE	2 3 5
LOVELOCK	4698	PERSHING	HUMBOLDT	40 12	118 28	3977	P	8A	8A	37	57		PAUL K GARDNER	2 3 5
LOVELOCK DERBY FIELD	4700	PERSHING	HUMBOLDT	40 04	118 34	3900	P	MID	MID	1	1		C A A	2 3 4 5
MALA VISTA RANCH	4824	ELKO	HUMBOLDT	41 17	115 15	5585	P	6P	6P	9	9		ARTHUR P HYDE	2 3 5
MANHATTAN POWER HOUSE	4835	NYE	CENTRAL	38 32	117 05	6950	P	MID	MID				CALIFORNIA ELEC POWER CO	3 4
MARLETTE LAKE	4858	WASBOE	TRUCKEE	39 11	119 55	8000	P	6P	6P	22	22		JACK FERGUSON	2 3 5
MATTHEWS RANCH	4888	LINCOLN	COLORADO	37 30	114 13		P	MID	MID				ROSS W MATHEWS	3 4
MC DERMITT INDIAN RESERVATION	4939	HUMBOLDT	NORTHWESTERN	41 58	117 38	5100	P	MID	MID				U S INDIAN SERVICE	3 4
MC GILL	4950	WHITE PINE	EASTERN	38 24	114 46	6340	P	7A	7A	37	60		KENNECOTT COPPER CORP	2 3 5
MINA	5165	MINERAL	WALKER	38 23	115 06	4350	P	8A	8A	54	54		SOUTHERN PACIFIC COMPANY	2 3 5
MINDEN	5191	DOUGLAS	CARSON	39 57	119 46	4700	P	5P	5P	49	57		DICK COLES	2 3 4 5
MONTELEO	5352	ELKO	EASTERN	41 17	114 11	4877	P	8A	6P	27	71		SOUTHERN PACIFIC COMPANY	2 3 5
MOUNT CHARLESTON LODGE	5400	CLARK	COLORADO	36 16	115 39	7500	P	6P	6P	0	0		PAUL CHUMROW	2 3 5
NIXON	5605	WASBOE	TRUCKEE	39 48	119 20	3910	P	5P	5P	21	21		ALBERT MAUWEE	2 3 5
NORTH FORK MAINTENANCE STATION	5691	ELKO	HUMBOLDT	41 29	115 49	4500	P	8A	8A				STATE HIGHWAY DEPARTMENT	3 4
OROVADA	5818	HUMBOLDT	NORTHWEST	41 34	117 47	4300	P	5P	5P	25	37		PETER CHRISTENSEN	2 3 5
OVERTON	5846	CLARK	COLORADO	36 33	114 27	1275	P	8A	8A	10	10		NATIONAL PARK SERVICE	2 3 4 5
OWTSEE	5869	ELKO	COLUMBIA	41 57	116 06	4289	P	MID	MID	27	27		AIRWAYS OBSERVER	2 3 4 5
PAIRUMP 2 N	5890	NYE	CENTRAL	36 14	115 59	2683	P	5P	5P				PAIRUMP VALLEY FARMS INC	2 3 5
PAIRUMP RANCH	5897	NYE	CENTRAL	36 11	116 00	2669	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
PALMETTO	5931	ESMERALDA	CENTRAL	37 27	117 45	6900	P	MID	MID				JOHN DEAN	3 4
PARADISE VALLEY	6000	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P	MID	MID				L T TURNER	3 4
PARADISE VALLEY RANGER STATION	6005	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P	5P	5P				U S FOREST SERVICE	3 4
PEQUOP	6148	ELKO	EASTERN	41 04	114 32	6000	P	MID	MID				STATE HIGHWAY DEPARTMENT	2 3 4 5
PIOCHE	6252	LINCOLN	COLORADO	37 56	114 28	6110	M	7P	7P	20	27		NORMAN N SORESEN	2 3 5
PRIMAUX	6349	EUREKA	HUMBOLDT	40 40	116 19	6000	P	8P	4				ROY L PRIMAUX	2 3 4 5
QUINN RIVER CROSSING	6504	HUMBOLDT	NORTHWEST	41 24	114 18	4087	P	6P	6P	25	25		CENTRAL LIVESTOCK CO	2 3 4 5
RATTLESNAKE	6630	NYE	CENTRAL	38 26	116 03	5913	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5
RED ROCK SUMMIT	6733	CLARK	COLORADO	36 08	115 31	6500	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
RENO WB AIRPORT	6779	WASBOE	TRUCKEE	39 30	119 47	4397	P	MID	MID	61	61		U S WEATHER BUREAU	2 3 4 5
ROBERTS RANCR	6905	CLARK	CENTRAL	36 10	115 35	6100	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
RUBY LAKE	7123	ELKO	EASTERN	40 12	115 30	6012	P	5P	5P	9	9		FISH & WILD LIFE SERVICE	2 3 5 6
RYE PATCH DAM	7192	PERSHING	HUMBOLDT	40 28	118 18	4161	P	5P	5P	14	14	9	BUREAU OF RECLAMATION	2 3 4 5 6
SAND PASS	7261	WASBOE	NORTHWEST	40 19	119 48	3900	P	6P	6P	34	34		ROSS F BONHAM	2 3 5
SAN JACINTO	7284	ELKO	COLUMBIA	41 53	114 11	5200	P	5P	5P	45	45		U C LAND & CATTLE CO	CLOSED 6/1
SARCABUTO	7319	NYE	CENTRAL	37 17	117 00	4020	P	6P	6P				STATE HIGHWAY DEPARTMENT	2 3 5
SCHILLBOURNE	7330	WHITE PINE	EASTERN	39 48	114 44		P	MID	MID				STATE HIGHWAY DEPARTMENT	3 4
SCHURZ	7358	MINERAL	WALKER	38 57	118 49	4124	P	5P	5P	29	29		WILLIE WILSON	2 3 5
SEARCHLIGHT	7369	CLARK	CENTRAL	35 28	114 55	3540	P	4P	4P	33	33		STATE HIGHWAY DEPARTMENT	2 3 4 5
SEVENTY ONE RANCH	7397	ELKO	HUMBOLDT	40 53	115 19	5550	P	7P	7P	8	8		MRS WM B WRIGHT	2 3 5
SHELDON	7443	WASBOE	NORTHWEST	41 51	119 38	6500	P	5P	5P	15	15		SHELDON GAME REFUGE	2 3 5
SMITH	7609	LYON	WALKER	38 49	119 24	4800	P	5P	5P	11	11		FRANK B MANN	2 3 5
SULPHUR	7873	HUMBOLDT	NORTHWEST	40 54	118 40	4044	P	4P	4P	34	34		WESTERN PACIFIC COMPANY	2 3 5
SUNNYSIDE	7908	NYE	CENTRAL	38 26	115 11	4100	P	5P	5P	21	21		CLAIR WHIPPLE	2 3 5
THORNE	8034	MINERAL	WALKER	38 56	118 36	4200	P	5P	5P	32	37		SOUTHERN PACIFIC COMPANY	2 3 5
TONOPAH	8160	NYE	CENTRAL	38 04	117 14	6101	P	11P	11P	42	42		AIRWAYS OBSERVER	2 3 4 5
TUSCARORA WILLIAMS RANCH	8349	ELKO	COLUMBIA	41 21	116 04	6400	P	6P	6P				MRS IRENE WILLIAMS	3
UNIV OF NEVADA EXPERIMENT FARM	8500	WASBOE	TRUCKEE	39 31	119 47	4512	P	SS	SS	0	0		WALTER NEILSON	2 3 5
WADSWORTH	8834	WASBOE	TRUCKEE	39 38	119 17	4077	P	6P	6P	26	43		W J NEELY	CLOSED 6/1
WELLINGTON RANGER STATION	8977	LYON	WALKER	38 45	119 23	4800	P	5P	5P	6	7		U S FOREST SERVICE	2 3 4 5
WELLS	8988	ELKO												

REFERENCE NOTES

NEVADA
AUGUST 1949

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygrometric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in June issue of this publication.
- SS This entry in time of observation column in Station Index means sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- VAR This entry in time of observation column in Station Index means variable.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, \$1.50 a year. (Yearly subscription includes Annual Summary.) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 537 Federal Office Building, San Francisco 2, California.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEVADA

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DEC 14 1950
UNIVERSITY OF CALIFORNIA

SEPTEMBER 1949
Volume LXIV No. 9



J. C. Eberhardt, Section Director - Salt Lake City

GENERAL SUMMARY

Weather for the state as a whole for the month of September was comparatively warm and dry. This was the fourth consecutive month that precipitation averages were below normal, thus intensifying the state-wide drought conditions.

The opening days of the month had unseasonably warm temperatures. The majority of stations reported their highest for the month during this period. Winnemucca, with 98° on the first, established a new maximum record for September. Above normal temperatures with no precipitation of any consequence continued through the first half of the month. Cold air moved into the northern and central portions of the state on the 16th causing temperatures to drop to well below freezing the following two nights. Killing frosts generally ended the growing season in the northeast and north-central portions of the state. The lowest temperature reported was 15° at Wilkins Ranch on the 17th. No precipitation accompanied this invasion of cold air and temperatures soon rose again to above normal. The pleasant weather was interrupted by showers on the 26th and 27th, the first precipitation period of any consequence during the entire month. Locally heavy amounts were reported from a few stations, over one inch at Fish Creek Ranch and Desert Game Range, while several stations along the southwest border were completely missed by this storm and contin-

ued to report no precipitation to the end of the month. High winds were reported at Coal-dale on the 26th and 27th with accompanying sandstorms which caused some damage in near-by communities.

The continued drought caused more than seasonal decline in ranges over the state. A few areas reported ranges the driest in many years but on the whole they were somewhat better than a year ago. Even though range feed was dry and short in most areas, livestock have continued to show good condition. Only recently have reports indicated that cattle and sheep were losing flesh because of short feed. Prospects for winter ranges were only fair. Most of the growth was dry and water supplies were far below desired levels. Conditions were somewhat better in parts of Elko County. The hay crop was generally good this year and there are adequate supplies of roughage to carry through a normal winter. Grain production was also above average throughout the state.

Water storage on streams draining the eastern slope of the Sierra Nevada was generally low, many of the larger reservoirs containing relatively little water. Flow of the Walker River near Coleville, California, was only 65% of normal but flow of the Humboldt River at Palisade was normal.

ESM

TEMPERATURE

The average temperature for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 65.5°, 3.5° above an adjusted normal. The highest temperature was 111° recorded at

Overton on the 1st. The lowest temperature recorded was 15° at Wilkins on the 17th. The highest monthly mean temperature was 83.7° at Boulder City; the lowest was 53.7° at Marlette Lake.

PRECIPITATION

The average precipitation for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 0.27 inch, 0.15 inch below an adjusted normal. The greatest monthly amount was 1.95 inches recorded at Desert Game Range; the

least was 0.00 at 16 stations. The greatest amount recorded in an observational day was 1.28 inch at Desert Game Range on the 26th. The average number of days on which 0.01 inch or more of precipitation was recorded was 1.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per

year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

NEVADA
SEPTEMBER 1949

Station	Sea level pressure extremes—Inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	Degree days 65° base
ELKO AP AIRPORT	30.37	18	29.63	25	6.0	-	-	-	42	54	29	20	-	198
ELY WB AIRPORT	30.30	18	29.63	25	11.1	54	S	25	-	-	-	-	88	183
LAS VEGAS WB AIRPORT	30.03	18	29.52	25	8.2	-	-	-	18	24	12	9	93	0
RENO WB AIRPORT	30.23	18	29.60	25	5.5	34	NW	27	52	74	29	20	90	139
WINNEMUCCA WB AIRPORT %	30.26	21	29.59	25	7.4	-	-	-	-	-	-	-	88	126
% Records September 1-15 from City Office location, all tables.														
# Fastest Mile														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more
1889	61.7	110	13	0.16	0.0	1	1910	61.5	108	20	0.73	0.0	2	1931	61.8	112	13	0.53	0.7	3
1890	64.2	110	18	0.81	0.0	3	1911	57.5	107	10	0.35	0.0	1	1932	65.8	111	25	0.25	0.0	2
1891	58.9	98	5	0.94	0.2	5	1912	56.6	98	8	0.36	0.4	2	1933	63.2	112	14	0.14	T	1
1892	62.8	109	15	0.09	0.0	1	1913	61.4	107	10	0.46	T	1	1934	63.3	110	9	0.27	0.6	1
1893	57.5	99	16	0.51	T	3	1914	58.9	103	17	0.45	0.3	2	1935	66.7	109	26	0.16	0.0	1
1894	58.8	96	10	0.35	0.6	2	1915	60.7	104	19	0.48	0.1	2	1936	62.0	109	17	0.29	0.0	2
1895	59.9	106	0	0.27	0.3	1	1916	61.6	106	16	0.32	T	1	1937	66.0	111	16	0.24	0.0	1
1896	58.3	102	15	0.35	T	2	1917	61.2	105	21	0.22	T	1	1938	66.0	107	28	0.16	0.0	1
1897	60.4	105	21	0.16	0.0	1	1918	62.6	104	25	1.35	0.0	5	1939	63.0	109	19	1.34	T	5
1898	61.1	97	18	0.20	T	1	1919	61.5	105	20	0.66	T	3	1940	61.2	109	22	1.13	0.0	6
1899	63.0	98	24	0.05	0.0	-	1920	62.2	106	20	0.32	0.4	2	1941	57.5	106	13	0.33	0.1	2
1900	56.1	99	17	0.30	0.4	2	1921	61.9	105	16	0.24	T	1	1942	62.9	106	13	0.03	T	-
1901	56.2	95	20	0.39	2.2	2	1922	65.9	108	14	T	0.0	-	1943	65.9	111	11	0.22	0.0	1
1902	61.7	113	10	0.21	0.2	2	1923	63.0	112	20	0.96	1.0	4	1944	64.7	111	18	0.14	T	1
1903	60.2	114	17	0.18	T	1	1924	62.6	109	11	0.20	T	2	1945	62.2	112	10	0.37	0.1	2
1904	60.4	103	19	0.93	0.1	4	1925	59.2	102	13	0.79	0.2	4	1946	62.5	109	16	0.31	T	2
1905	61.1	103	19	0.51	0.7	1	1926	60.0	105	10	0.07	0.1	-	1947	65.1	115	19	0.19	0.1	1
1906	60.2	103	18	0.30	T	2	1927	59.3	105	13	0.32	0.1	2	1948	63.5	115	9	0.42	0.7	2
1907	59.9	108	12	0.35	0.4	2	1928	64.0	107	16	0.01	0.0	-	1949	65.5	111	15	0.27	T	1
1908	59.8	108	6	0.82	0.0	3	1929	61.0	107	14	0.34	0.0	1							
1909	60.8	100	16	0.73	0.0	3	1930	60.5	104	19	0.90	0.1	3	PERIOD	61.6	115	0	0.41	0.2	

SLEET AND HAIL WERE INCLUDED IN OBTAINING SNOWFALL AVERAGES, BEGINNING WITH JANUARY 1949.

CLIMATOLOGICAL DATA

NEVADA
SEPTEMBER 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max depth on ground	Date	.01 or more	.25 or more	1.00 or more
COLUMBIA BASIN																		
CONTACT	60.2		98	8	27	18	3	7	.13		.08	26	.0	0		3	0	0
JARBIDGE	57.0	2.7	87	1	20	12	0	4	.35	-.66	.14	24	.0	0		3	0	0
OWYHEE	58.9	2.7	88	23	26	17	0	4	.15	-.60	.13	28	.0	0		2	0	0
DIVISION	58.7	2.7							.21	-.63			.0					
BUMBOLDT BASIN																		
AUSTIN	63.0	3.8	90	1	35	29	1	0	.06	-.46	.06	27	.0	0		1	0	0
BATTLE MTN AP	61.2		95	1	22	18	7	4	.08	-.18	.08	27	.0	0		1	0	0
BROWAW	60.7	-0.1	94	1	25	18	4	4	.10	-.18	.08	27	.0	0		2	0	0
ELKO WB AP	58.6	1.7	93	1	22	18	2	11	.52	-.10	.52	27	.0	0		1	1	0
GOLCONDA	62.7M	2.9	96	1+			13		.00	-.29	.00		.0	0		0	0	0
IMLAY	64.2M	3.7	95	1	36	17+	9	0	.00	-.26	.00		.0	0		0	0	0
LAMOILLE PB									.40	-.32	.32	27	.0	0		2	1	0
LOVELOCK	65.4	3.7	95	1+	37	18	8	0	.59	-.29	.35	27	.0	0		2	1	0
LOVELOCK DERBY FLD	64.4		98	1	34	18+	9	0	.19		.11	28	.0	0		3	0	0
MALA VISTA RANCH	56.2		89	23	20	17+	0	15	.14		.06	24	.0	0		3	0	0
RYE PATCB DAM	63.8	1.8	98	1	30	18	7	1	.25	-.03	.11	26	.0	0		3	0	0
WELLS	58.0	0.9	93	1	22	12+	2	12	.04	-.24	.04	29	.0	0		1	0	0
WINNEMUCCA WB AP	62.0	2.8	98	1	26	18	6	4	.21	-.20	.18	27	.0	0		2	0	0
DIVISION	61.7	2.4							.20	-.16			.0					
TRUCKEE BASIN																		
FERNLEY	66.4		99	1	35	17	12	0	.02		.02	28	.0	0		1	0	0
GLENBROOK	60.0		88	23	37	28	0	0	.26		.23	27	.0	0		2	0	0
MARLETTE LAKE	53.7	1.4	73	22	34	28	0	0	T	-.51	T	21+	.0	0		0	0	0
NIXON	63.7	1.2	97	1	34	16	8	0	T	-.32	T	27	.0	0		0	0	0
RENO WB AP	60.9	2.9	92	1	32	18	5	1	.18	-.08	.16	28	.0	0		2	0	0
U OF N EXP FARM	64.8M		92	3+	36	18		0	.30		.30	28	.0	0		1	1	0
DIVISION	61.6	1.8							.13	-.30			.0					
CARSON BASIN																		
CARSON CITY	63.1	3.4	97	1	33	18	7	0	.05	-.21	.05	28	.0	0		1	0	0
FALLON EXP STA	63.4M	2.1	94	1+	34	18+	2	0	.04	-.20	.04	28	.0	0		1	0	0
LAHONTAN	68.8	3.0	95	2	45	17	5	0	.00	-.26	.00		.0	0		0	0	0
MINDEN	61.4M	1.5	94	1	30	11	10	3	.00	-.24	.00		.0	0		0	0	0
DIVISION	64.2	2.5							.02	-.23			.0					
WALKER BASIN																		
MINA	70.5	4.6	100	1	39	29	19	0	T	-.19	T	24+	.0	0		0	0	0
SMITH	61.5	1.1	95	1	26	26	9	8	.00	-.16	.00		.0	0		0	0	0
THORNE	71.1M	4.8	99	2	43	29	0	0	.00	-.22	.00		.0	0		0	0	0
WELLINGTON RS	65.1M		93	1	37	29	4	0	.00		.00		.0	0		0	0	0
YERINGTON	61.8	1.1	98	1	28	26	12	7	.00	-.27	.00		.0	0		0	0	0
DIVISION	66.0	2.9							T	-.17			.0					
COLORADO BASIN																		
ALAMO	67.8	-0.2	100	1	35	11+	21	0	.35	-.08	.29	27	.0	0		3	1	0
BOULDER CITY	83.7	2.7	106	1	64	12	26	0	.12	-.44	.11	9	.0	0		2	0	0
CALIENTE	67.0M	2.0	97	1	37	18+	15	0	.23	-.28	.13	26	.0	0		2	0	0
DESERT GAME RANGE	75.0		102	1	49	14	21	0	1.95		1.28	26	T	0		3	2	1
INDIAN SPRINGS	74.9	1.9	107	1	40	29	25	0	.30	-.10	.30	27	.0	0		1	1	0
LAS VEGAS	78.0	0.8	106	1	50	7+	27	0	.01	-.37	.01	8	.0	0		1	0	0
LAS VEGAS WB AP	82.2	6.8	107	1	54	29	28	0	T	-.33	T	8+	.0	0		0	0	0
MOUNT CHARLESTON LODGE	60.0		82	3	33	29	0	0	.30				.0	0		2	0	0
OVERTON	82.4	0.8	111	1	50	14+	30	0	.23	-.35	.20	27	.0	0		2	0	0
PIOCBE	66.0	2.6	92	1	43	29+	2	0	.54	-.59	.32	27	.0	0		2	1	0
DIVISION	73.7	2.2							.40	-.27			T					
MINOR BASINS																		
ADAVEN	62.6	2.1	89	1+	34	28	0	0	.62	.16	.62	27	T	0		1	1	0
BASALT	64.9		92	1+	37	29	3	0	.00		.00		.0	0		0	0	0
BEATTY	75.4	4.4	102	1+	46	28	22	0	.15	-.05			.0	0		2	0	0
COALDALE	70.8		101	1	45	12+	19	0	.00		.00		.0	0		0	0	0
ELY WB AP	59.0	6.6	90	1	27	18	1	6	.36	-.27	.22	27	.0	0		2	0	0
FISH CREEK RANCH	55.8		90	2	22	18	1	19	1.15		.65	28	.0	0		2	2	0
GERLACB	68.5	4.9	106	2	33	30	16	0	T	-.26	T	9+	.0	0		0	0	0
GEYSER	69.3		92	1	48	29	2	0	.70	-.29	.60	27	.0	0		2	1	0
GOLDFIELD	67.1	3.8	92	1	42	17	6	0	T	-.33	T	26	.0	0		0	0	0
KIMBERLY	61.1	2.9	86	2	33	30	0	0	.62	-.16	.34	26	.0	0		3	2	0
LATHROP WELLS	82.9		108	1	57	23	30	0	.00		.00		.0	0		0	0	0
LEHMAN CAVES NM	60.4	-0.3	90	1	26	30	1	4	.59	-.08	.42	27	.0	0		3	1	0
MC GILL	63.1	2.2	89	2	36	30	0	0	.28	-.35	.22	28	.0	0		2	0	0
MONTELLO	61.5	1.8	95	1	25	17	5	7	.01	-.35	.01	10	.0	0		1	0	0
PAHRUMP 2 N	77.8		104	1+	49	29	25	0	.05		.03	27	.0	0		2	0	0
QUINN RIVER CROSSING	61.4M	3.8	97	1	26	17+	3	5	.22	-.12	.22	27	T	0		1	0	0
RATTLESNAKE	67.2M		92	2	43	13+	3	0	.85				.0	0		0	0	0
RUBY LAKE	60.7M		87	1+	28	18	0	1	.62		.58	28	.0	0		3	1	0
SAND PASS	65.9	2.3	98	1	36	17+	7	0	.08	-.23	.05	27	.0	0		2	0	0
SARCOBATUS	69.5		100	1	39	26	19	0	.09		.09	27	.0	0		1	0	0
SEARCHLIGHT	79.8	4.1	102	1	56	14	22	0	.00	-.67	.00		.0	0		0	0	0
SHELDON	55.3	1.9	84	22	21	17	0	3	.72	.33	.66	28	.0	0		3	1	0
SMOKEY VALLEY	63.1		94	1	34	27+	3	0	.25		.25	27	.0	0		1	1	0
TONOPAH	65.9	2.7	92	1	40	30	1	0	.05	-.30	.05	26	.0	0		1	0	0
WILKINS	56.1		94	22	15	17	2	14	.22		.07	26	.0	0		6	0	0
DIVISION	65.8	3.1							.31	-.16			T					
STATE	65.5	3.5							.27	-.15			T					

See reference notes following Station Index.

NEVADA
SEPTEMBER 1949

6 SEPTEMBER 1949

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Table 4-Continued

HOURLY PRECIPITATION

NEVADA
SEPTEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
ALAMO									.01			.01	-6th-												.02	
OVERTON													-8th-					.03							.03	
CONTACT													-25th-									.07			.07	
													-26th-													
ALAMO																	.01		.01	.07					.09	
BEATTY																	.01						.03	.01	.05	
CALIENTE	.01	.06	.03			.01	.02																		.13	
ELY WB AP			.02	.04	.03	.04	.01																		.14	
FISH CREEK RANCR																			*	*	*	*	*	*	*	
LOVELOCK DERBY FLD																	.01					*	*	*	*	
MANHATTAN PH															*	*	.16		.08	.02		.01			.26	
OVERTON																			.04						.04	
RATTLESNAKE												.02	.10	.01	.02		.05		.05	.02	.05				.32	
RYE PATCH DAM																	.02	.08							.10	
TONOPAH												.01							.01	.01	.01				.04	
WINNEMUCCA WB AP																				.01			.01	.01	.03	
													-27th													
ALAMO		.03	.02		.01	.04	.10	.02																	.22	
ARTHUR												.09													.09	
AUSTIN					.06	.02		.01	.02		.01		.01												.09	
BATTLE MTN AP																									.05	
BEATTY	.02	.04	.02	.02				.05																	.10	
CALIENTE												.04	.01												.10	
ELKO WB AP												.04													.52	
ELY WB AP										.05	.13	.04									.10	.10	.12	.06	.10	
FERNLEY MNTC STA																									.22	
JIGGS						.01	.02			.02								.02	.11	.13	.17	.14	.03	.02	.02	
LOVELOCK DERBY FLD					.05																				.65	
MANHATTAN PH																									.05	
NORTH FORK MNTC STA	.12	.01	.02	.10	.01																				.28	
OVERTON								.11	.01															.04	.04	
OWYHEE													.01												.12	
PARADISE VALLEY							.02	.11	.02																.01	
PEQUOP																									.15	
QUINN RIVER CROSSING													.01	.01	.16	.02									.20	
RATTLESNAKE	.06	.02	.15	.05	.03	.11	.06	.05	.07							.01	.08								.23	
RENO WB AP																									.48	
RYE PATCH DAM						.05																	.01	.01	.02	
SCHELLBOURNE																		.03							.08	
WELLS									.06	.04	.04	.06													.20	
WINNEMUCCA WB AP	.04					.06	.07	.01																.01	.01	
													-28th-												.18	
CONTACT							.03																		.03	
FISH CREEK RANCR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75							.75
LOVELOCK DERBY FLD				.07	.06	.02																			.15	
NORTH FORK MNTC STA	.11	.02		.03																					.18	
OWYHEE	.03	.01																							.08	
PEQUOP																									.10	
RENO WB AP		.09	.06	.01														.01		.01					.16	
RYE PATCH DAM						.04																			.04	
WELLS															.04										.04	
													-29th-													
ARTHUR									.02	.03															.07	
CONTACT																.02		.01	.01						.02	

See reference notes following Station Index.

DAILY TEMPERATURES

NEVADA
SEPTEMBER 1949

Table 5

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAVEN	MAX	89	89	89	85	82	93	84	81	81	75	78	75	77	80	91	85	80	82	84	89	85	88	95	80	74	78	70	68	70	72	80.4
	MIN	52	53	52	48	46	45	46	46	48	44	39	41	40	40	44	49	48	41	48	49	48	49	47	44	43	43	34	39	35	44.9	
	MAX	100	99	99	96	95	95	96	94	82	89	87	87	88	90	91	93	92	89	87	87	98	98	96	93	52	88	82	85	82	85	82.3
ALAMO	MIN	43	45	49	44	42	44	41	55	45	35	37	37	36	39	39	44	48	38	42	49	44	41	45	40	58	52	43	38	47	43.3	
	MAX	90	85	97	85	83	83	87	82	81	72	74	75	77	79	82	77	74	84	85	95	98	87	89	82	75	72	64	82	85	70	79.3
	MIN	58	52	53	54	47	46	48	49	49	40	42	45	42	45	48	50	37	41	53	50	49	52	54	54	43	48	45	39	35	37	46.8
RASALT	MAX	92	80	87	82	95	96	95	95	84	80	85	75	79	80	82	88	81	82	84	95	85	88	95	95	84	70	99	70	72	72	82.3
	MIN	55	57	54	52	50	45	50	48	48	48	42	43	44	48	51	44	48	49	50	52	51	53	50	45	52	42	43	42	37	38	47.5
	MAX	95	92	87	81	87	86	90	88	86	77	78	76	80	84	86	81	73	85	90	86	88	82	92	87	88	92	79	88	87	73	83.7
BATTLE MTN AP	MIN	49	50	45	44	45	34	34	39	45	34	35	39	37	30	38	42	29	22	33	37	36	33	40	45	34	53	51	38	40	32	-39.9
	MAX	102	101	100	96	95	95	97	95	95	98	86	87	90	91	83	83	95	97	98	99	102	102	100	98	90	85	83	83	89	87	83.8
	MIN	60	62	62	55	56	57	57	59	69	54	49	52	50	52	51	55	62	60	59	61	92	94	93	59	64	51	56	46	56	54	57.2
BROWAWA	MAX	94	98	95	90	87	83	87	86	85	75	77	74	79	82	89	80	71	84	89	85	88	90	91	85	88	78	72	68	88	72	92.1
	MIN	50	46	43	46	48	34	34	35	42	37	39	33	39	32	37	51	29	25	39	36	35	35	40	48	35	50	48	40	41	32	39.2
	MAX	106	104	103	101	99	101	96	97	94	95	94	90	81	90	93	95	101	100	101	100	99	85	90	85	97	90	92	88	98	95	95
BOULDER CITY	MIN	75	74	75	74	73	74	75	74	74	70	77	64	65	65	68	71	78	74	75	75	76	74	73	73	69	66	66	67	70	71.8	
	MAX	97	85	95	92	90	92	93	91	87	87	83	95	85	97	98	89	88	90	93	95	95	93	95	91	96	79	79	79	81	99.3	
	MIN	46	45	49	45	43	45	45	48	54	50	39	39	46	39	38	41	48	37	41	44	45	45	42	49	52	51	49	51	49	37	44.7
CARSON CITY	MAX	97	95	93	84	84	85	85	85	79	79	77	78	77	84	87	84	82	77	87	87	90	93	92	90	83	76	80	77	72	73	83.7
	MIN	49	51	46	48	41	36	36	40	41	41	36	41	38	39	44	58	41	33	42	44	43	46	47	46	51	35	47	40	38	39	42.5
	MAX	101	95	99	100	99	97	94	91	94	91	97	95	95	99	85	96	91	91	94	95	94	90	90	88	92	83	80	80	79	81	90.5
CONTACT	MIN	61	53	55	52	53	53	48	52	52	50	48	45	48	49	52	57	50	48	47	55	53	54	56	45	48	47	52	50	49	50	51.1
	MAX	92	86	80	86	97	87	89	88	86	77	67	70	75	92	83	79	68	92	89	81	80	88	91	84	83	82	81	77	68	62	81.2
	MIN	43	53	49	42	46	37	37	43	41	43	38	29	29	31	42	50	29	27	37	36	33	32	38	50	43	44	44	37	32	39.2	
DESERT GAME RANGE	MAX	102	99	98	96	97	96	92	92	90	89	88	86	88	90	94	91	93	95	97	88	88	95	96	93	88	79	87	83	84	92.4	
	MIN	60	60	63	59	62	60	58	58	59	59	55	52	50	49	51	56	56	58	57	54	62	59	57	63	67	51	55	54	54	59	57.5
	MAX	93	99	85	89	85	84	88	86	85	74	74	75	79	81	85	79	72	93	98	95	86	89	90	85	86	79	74	87	81	83	81.5
ELKO WB AP	MIN	44	48	39	38	41	30	32	37	40	37	31	27	32	30	34	39	22	22	29	37	33	32	36	43	35	49	46	40	39	31	35.7
	MAX	90	85	85	85	82	83	83	81	91	75	76	74	75	79	90	93	71	81	83	94	92	84	95	81	79	72	68	69	65	97	78.8
	MIN	44	45	42	40	49	45	37	38	50	36	30	31	37	32	37	45	34	27	36	39	36	35	39	53	49	46	42	30	29	39.2	
FALLON EXP STA	MAX	94	94	89	98	99	85	83	85	86	84	74	79	77	79	84	88	85	73	93	88	86	87	89	96	79	79	79	68	72	83.1	
	MIN	52	53	49	54	43	42	43	44	43	40	41	47	45	40	42	44	35	34	40	45	34	47	51	52	39	42	48	45	37	39	43.8
	MAX	99	93	94	90	89	90	90	87	83	81	83	82	96	90	87	83	80	86	92	92	94	95	92	84	77	91	81	72	75	72	86.3
FERNLEY	MIN	53	57	55	61	46	43	48	86	85	74	79	75	79	43	45	79	32	35	45	47	46	49	53	53	40	45	45	39	38	45.4	
	MAX	89	90	91	83	86	82	83	82	82	82	73	75	75	75	79	83	91	70	82	85	84	95	86	84	84	79	80	77	69	65	90.3
	MIN	40	38	36	34	33	29	29	28	29	29	26	29	35	26	28	31	29	22	27	30	30	29	29	30	35	35	31	29	27	31.2	
GERLACH	MAX	103	106	102	103	102	93	90	90	99	96	84	76	84	99	99	96	87	88	93	94	95	97	99	94	93	83	79	72	66	99.9	
	MIN	58	59	58	57	56	50	50	48	50	46	44	42	41	43	50	50	48	44	40	47	49	49	51	50	44	42	41	37	35	33	47.0
	MAX	92	90	89	88	86	97	95	84	79	79	79	78	79	82	84	86	79	80	96	99	96	96	99	84	91	75	67	74	69	73	82.2
GEYSER	MIN	58	59	57	56	56	56	55	61	63	63	49	53	56	52	54	57	59	55	56	58	59	56	59	57	52	59	54	49	49	56.3	
	MAX	97	84	82	78	83	82	90	71	74	70	72	70	74	72	90	80	84	83	82	80	81	88	72	74	74	70	65	72	76	77.3	
	MIN	52	50	50	49	44	40	42	40	44	39	39	40	40	39	41	40	40	41	47	47	46	43	48	41	43	39	37	38	41	42.7	
GOLCONDA	MAX	96	95	92	94	93	95	96	90	88	89	89	87	80	81	85	81	78	81	91	92	94	93	87	86	87	75	74	79	79	87.7	
	MIN	45	46	45	40	39	36	35	43	42	37	39	34	35	34	43	51	28	31	38	46	42	41	43	33	31	30	37	38	29	37.7	
	MAX	92	90	90	88	99	95	96	85	84	80	78	80	74	83	84	86	90	89	87	93	99	90	90	97	95	78	71	69	73	72	83.9
IMLAY	MIN																															

DAILY TEMPERATURES

Table 5-Continued

NEVADA
SEPTEMBER 1949

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SEARCHLIGHT	MAX	102	100	99	97	97	98	96	94	91	91	89	89	90	89	91	93	93	95	97	97	100	99	96	94	92	87	89	89	88	87	93.6	
	MIN	67	71	74	70	68	70	70	69	69	66	58	57	63	56	61	63	63	73	70	72	67	79	67	67	68	60	61	59	60	62	66.0	
SHELDON	MAX	82	80	77	75	77	72	73	71	66	64	64	67	72	74	72	61	66	78	77	71	81	84	80	73	70	74	64	55	57	60	71.2	
	MIN	51	44	39	38	45	37	39	45	39	35	34	32	37	42	44	45	21	42	41	38	36	51	52	45	29	38	38	36	37	33	39.4	
SMITH	MAX	95	91	92	89	85	87	88	93	81	83	81	79	82	87	87	84	77	86	90	90	90	94	91	84	77	82	76	74	76	81	85.1	
	MIN	43	47	41	44	32	41	37	35	41	33	31	32	41	33	40	53	29	28	36	39	36	42	44	54	44	26	35	38	29	30	37.8	
SMOKEY VALLEY	MAX	94	89	90	91	85	86	84	84	78	80	81	79	82	83	87	85	80	86	88	88	89	89	89	89	82	81	85	80	71	78	84.4	
	MIN	50	50	47	55	50	44	43	42	47	45	37	37	38	38	39	40	37	36	42	44	46	44	45	45	38	37	34	34	34	35	41.8	
THORNE	MAX	98	99	98			94	89	91	91				91	82	88	91	92		92	92	92	93	95			90	85	78	78	79	89.9	
	MIN	61	61	59			54	52	51	62				48	49	46	49	56		47	56	52	52	58			50	50	48	43	44	52.2	
TONOPAH	MAX	92	86	88	88	84	84	85	83	83	76	76	77	75	82	84	86	77	85	86	85	87	89	88	84	76	72	70	64	69	73	81.1	
	MIN	60	59	57	56	57	51	51	51	55	46	44	48	48	46	50	52	45	44	57	58	55	51	56	57	49	49	45	41	41	40	50.6	
U OF N EXP FARM	MAX	91	91	92	87	86	84	88	84						86	84	81	77	88	90	89	90	92	91	83	78	78	75	69	73	75	84.1	
	MIN	54	54	53	49	44	41	41	45						43	43	59	39	36	44	45	45	49	48	51	45	39	49	44	38	38	45.4	
WELLINGTON RS	MAX	93	87	88	88	85	85	83	85					83	84	84	80	85	85	90	85	87	90	90	82	73	71	72	70	72	77	82.8	
	MIN	55	55	52	52	42	50	44	45					40	46	43	51	50	45	40	48	51	52	52	57	49	46	47	45	37	39	47.4	
WELLS	MAX	93	87	84	89	87	86	88	86	84	78	74	73	79	81	83	80	70	83	87	85	87	89	90	85	85	80	73	72	63	66	81.6	
	MIN	46	44	35	37	35	27	28	34	34	37	28	22	42	27	30	51	23	22	36	32	27	31	35	43	40	42	41	35	41	24	34.3	
WILKINS	MAX	91	83	82	86	84	85	83	85	83	73	81	68	77	82	83	82	83	78	85	83	85	94	89	85	82	80	75	73	58	68	80.9	
	MIN	39	45	34	31	42	40	38	30	34	38	27	16	23	23	38	25	15	17	21	33	31	25	29	36	34	36	37	35	36	29	31.2	
WINNEMUCCA WB AP	MAX	98	92	87	90	87	85	90	88	84	74	77	76	81	86	85	76	74	85	88	85	89	92	92	85	85	80	75	65	68	72	83.0	
	MIN	52	52	50	47	52	42	41	46	44	38	36	36	39	40	46	46	28	26	34	36	35	39	40	45	31	49	46	42	38	30	40.9	
YERINGTON	MAX	98	92	93	92	89	87	90	90	86	79	78	79	82	89	90	89	78	89	95	90	92	95	95	87	76	85	78	73	76	80	86.4	
	MIN	41	47	41	39	34	36	36	36	38	31	33	37	38	35	35	48	32	29	37	34	38	43	45	48	40	28	40	32	30	32	37.1	

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BOULDER CITY	EVAP	.48	.58	.62	.53	.56	.37	.39	.36	.37	.56	.55	.28	.36	.33	.30	.36	.38	.43	.37	.33	.37	.42	.33	.32	.58	.21	.35	.26	.42	.32	12.09	
	WIND	49	97	126	92	112	55	66	63	84	158	119	56	71	38	37	60	59	78	50	34	50	64	90	55	115	74	66	76	116	60	2270	
	MAX	89	83	83	84	83	86	85	87	83	82	79	80	83	84	85	82	86	86	85	83	83	78	73	78	79	77	80	81			82.5	
	MIN	62	59	59	61	59	61	60	66	65	60	56	53	57	57	61	62	61	60	59	62	63	61	60	61	58	59	57	54	53	58	59.5	
LABONTAN	EVAP	.22	.24	.29	.14	.30	.22	.18	.15	.16	.31	.03	.14	.13	.10	.22	.25	.13	.08	.09	.19	.11	.13	.13	.20	.21	.25	.13	.11	.07	.06	4.97	
	WIND	50	68	77	31	133	68	84	67	74	116	57	31	71	48	43	118	127	33	46	75	29	74	54	79	169	71	100	134	55	26	2208	
RUBY LAKE	EVAP	.25	.34	*	.56	.17	.30	.38	.26	.24	.30	.30	.20	.23	.12	.34	*	.54	.09	.14	.34	.22	.20	.20	.15	*	.43	.09	.16	.10	.08	6.73	
	WIND	15	30	*	59	22	25	25	15	27	52	44	32	30	19	27	*	92	8	17	28	20	17	12	38	*	64	36	39	8	12	813	
RYE PATCH DAM	EVAP	.50	.33	.56	.32	.45	.31	.31	.39	.39	.29	.17	.55	.37	.30	.36	.36	.35	.22	.32	.30	.38	.32	.25	.41	.32	.37	.25	.20	.15	.14	9.94	
	WIND	115	119	110	50	90	40	33	59	93	69	62	277	144	51	76	118	200	58	46	49	90	45	41	79	83	103	129	102	39	44	2614	

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION.

STATION INDEX

NEVADA
SEPTEMBER 1949

Station	Index No	County	Drainage	Latitude	Longitude	Elev (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp	Precip	Temp	Precip	Evap		
ADAVEN	0048	NYE	CENTRAL	38 07	115 35	6250	P	4P	4P	35	35		RALPH HUBER	2 3 5
ALAMO	0099	LINCOLN	COLORADO	37 22	115 09	3446	M	SS	SS	24	24		G L DAVIS	2 3 4 5
ALAMO MAINTENANCE STATION	0109	LINCOLN	COLORADO	37 22	115 09	4100			MID				STATE HIGHWAY DEPARTMENT	CLOSED 7/26
ARTZUR	0438	ELKO	EASTERN	40 48	115 11	6500	P	5P	5P	38	38		MRS MADELYN O'DONNELL	3 4
AUSTIN	0507	LANDER	HUMBOLDT	39 30	117 05	6543	P	11P	11P	55	60		US WB AIRWAY OBSERVER	2 3 4 5
BASALT	0668	MINERAL	CENTRAL	38 00	118 16	6350	P	5P	5P	7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5
BATTLE MOUNTAIN CAA AP	0691	LANDER	HUMBOLDT	40 37	116 52	4528	P	MID	MID	5	79		US CIVIL AERO ADM	2 3 4 5
BEATTY	0714	NYE	CENTRAL	36 54	116 45	3314	P	MID	MID	31	32		US WB AIRWAY OBSERVER	2 3 4 5
BROWNE	0795	EUREKA	HUMBOLDT	40 36	116 29	4695	P	SS	SS	69	77		SOUTHERN PACIFIC COMPANY	2 3 5
BOULDER CITY	1071	CLARK	COLORADO	35 59	114 51	2525	P	4P	4P	17	17	14	US HUR RECLAMATION	2 3 5 6
BUCKSKIN MOUNTAIN	1308	HUMBOLDT	HUMBOLDT	41 47	117 33	7800	P	5P	VAR	25	27		U S FOREST SERVICE	2 3 4 5 S
CALIENTE	1358	LINCOLN	COLORADO	40 35	114 31	4402	P	5P	5P	25	27		US SOIL CON SERVICE	2 3 4 5
CARSON CITY	1485	ORMSBY	CARSON	39 10	119 46	4675	P	9A	9A	53	56		STATE HIGHWAY DEPARTMENT	2 3 5
COALDALE	1755	ESMERALDA	CENTRAL	38 03	117 54	4646	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
COLD CREEK RANCH	1790	CLARK	COLORADO	36 25	115 44	6200	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
CONTACT	1905	ELKO	COLUMBIA	41 47	114 45	5365	P	5P	5P	0	5		STATE HIGHWAY DEPARTMENT	2 3 4 5
COTTONWOOD RANCH	2020	LANDER	HUMBOLDT	40 06	117 21	5400	P	MID	MID	2	2		W T JENKINS COMPANY	CLOSED 8/16
CURRENT	2078	NYE	CENTRAL	38 45	115 28	5183	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
DESERT GAME RANGE	2243	CLARK	COLORADO	39 26	115 21	3025	P	5P	5P	9	9		FISH & WILD LIFE SERVICE	2 3 5
DYER	2431	ESMERALDA	CENTRAL	38 43	118 05	4950	P	6P	6P	1	1		D O NORRIS	3 4
EASTGATE	2477	CHURCHILL	CENTRAL	39 19	117 53	4000	P	MID	MID	5	5		STATE HIGHWAY DEPARTMENT	2 3 5
ELKO WB AIRPORT	2573	ELKO	HUMBOLDT	40 50	115 47	5075	P	MID	MID	53	79		U S WEATHER BUREAU	2 3 4 5
ELY WB AIRPORT	2631	WHITE PINE	EASTERN	39 17	114 51	6257	P	MID	MID	10	10		U S WEATHER BUREAU	2 3 4 5
FALLON EXPERIMENT STATION	2780	CHURCHILL	CARSON	39 27	118 47	3965	P	8A	8A	45	53		U S EXPERIMENT STATION	2 3 5
FERMLEY MAINTENANCE STATION	2849	LYON	TRUCKEE	39 37	119 15	4160	P	MID	MID	5	7		STATE HIGHWAY DEPARTMENT	3 4
FISH CREEK RANCH	2860	EUREKA	CENTRAL	39 16	116 00	6050	P	7A	7A	5	6		BARTHOLOMEW CORPORATION	2 3 4 5
FIERLACH	3090	WASHOE	NORTHWESTERN	40 04	118 10	4200	P	4P	4P	36	37		U S CTSUM COMPANY	2 3 5
GETSER	3101	LINCOLN	EASTERN	38 38	114 38	5984	P	6P	6P	7	20		STATE HIGHWAY DEPARTMENT	2 3 5
GLENBROOK	3205	DOUGLAS	TRUCKEE	39 05	119 56	6400	P	6P	6P	9	9		ERNEST LEE	2 3 5
GOLCONDA	3245	HUMBOLDT	HUMBOLDT	40 58	117 30	4392	P	8A	8A	56	70		SOUTHERN PACIFIC COMPANY	2 3 5
GOLDFIELD	3285	ESMERALDA	CENTRAL	37 43	117 13	5700	P	6P	6P	43	43		CALIFORNIA ELEC POWER CO	2 3 5
BARRISON PASS	3498	ELKO	HUMBOLDT	40 20	115 31	7300	P	VAR	VAR				U S FOREST SERVICE	S
BARTHORNE BABBIT	3515	MINERAL	WALKER	38 32	118 39	8180	P	11P	11P	29	33		US WB AIRWAY OBSERVER	2 3 4 5
BIDEN FOREST CAMP	3653	CLARK	COLORADO	36 43	115 13	4800	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
IMLAY	3957	PERSHING	HUMBOLDT	40 40	118 10	4200	P	4P	4P	34	34		SOUTHERN PACIFIC COMPANY	2 3 5
INDIAN SPRINGS	3980	CLARK	COLORADO	36 34	115 40	3136	P	6P	6P	10	10		TIM HARNEDY	2 3 5
JACKS CREEK PASS	4026	ELKO	HUMBOLDT	41 34	116 00	7725	P	VAR	VAR	2	2		U S FOREST SERVICE	S
JARBIDGE	4038	ELKO	COLUMBIA	41 52	115 26	6100	P	5P	5P	10	10		A URDAHL	2 3 5
JIGGS	4086	ELKO	HUMBOLDT	40 25	115 40	5200	P	6P	6P	4	4		MRS GERTRUDE L PETERS	3 4
KIMBERLY	4199	WHITE PINE	EASTERN	39 16	115 02	7230	P	4P	4P	21	21		CON COPPERMINES CORP	2 3 5
LARONTAN	4349	CHURCHILL	CARSON	39 28	119 04	4200	P	8A	8A	38	42	23	TRUCKEE-CARSON IRRIG SVC	2 3 5 6
LAMOLLE POWER HOUSE	4395	ELKO	HUMBOLDT	40 15	118 38	3900	P	4P	4P	33	45	27	ELKO-LAMOLLE POWER CO	2 3 5 6
LAS VEGAS	4429	CLARK	COLORADO	36 00	115 09	2006	P	6P	6P	39	45		C P SQUIRES	2 3 5
LAS VEGAS WB AIRPORT	4436	CLARK	COLORADO	36 04	115 10	2162	P	MID	MID	12	12		U S WEATHER BUREAU	2 3 4 5
LATEROP WELLS	4457	NYE	CENTRAL	36 38	116 24	2659	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5
LEE	4491	ELKO	HUMBOLDT	40 34	115 37	6000	P	9A	9A				CECIL G VATES	3
LEE CANYON SUMMIT	4502	CLARK	COLORADO	36 18	115 41	9000	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
LEMAN CAVES NATIONAL MONUMENT	4514	WHITE PINE	EASTERN	38 59	114 13	6825	P	6P	6P	11	11		U S NAT PARK SERVICE	2 3 5
LOVELOCK	4698	PERSHING	HUMBOLDT	40 12	118 28	3977	P	9A	9A	37	57		PAUL K GARDNER	2 3 5
LOVELOCK CAA AP	4700	PERSHING	HUMBOLDT	40 18	118 04	3900	P	MID	MID	1	1		US CIVIL AERO ADM	2 3 4 5
MALA VISTA RANCH	4824	ELKO	HUMBOLDT	41 17	115 15	5585	P	6P	6P	9	9		ARTHUR F HOYE	2 3 5
MANHATTAN POWER HOUSE	4835	NYE	CENTRAL	38 32	117 05	6950	P	MID	MID	4	4		CALIFORNIA ELEC POWER CO	3 4
MARLETTE LAKE	4858	WASHOE	TRUCKEE	39 11	119 55	8000	P	6P	6P	22	22		JACK FERGUSON	2 3 5
MATTHEWS RANCH	4888	LINCOLN	COLORADO	37 30	114 13		P	MID	MID				ROSS W MATHEWS	3 4
MC DERMITT INDIAN RESERVATION	4939	HUMBOLDT	NORTHWESTERN	41 58	117 38	5100	P	MID	MID				U S INDIAN SERVICE	3 4
MC GILL	4950	WHITE PINE	EASTERN	39 24	114 46	6340	P	7A	7A	37	60		KENNECOTT COPPER CORP	2 3 5
MINA	5168	MINERAL	WALKER	38 23	118 06	4350	P	8A	8A	54	54		SOUTHERN PACIFIC COMPANY	2 3 5
MINDEN	5191	DOUGLAS	CARSON	38 57	118 49	4700	P	7A	7A	49	57		DICK COLES	2 3 4 5
MONTELO	5352	ELKO	EASTERN	41 17	114 11	4877	P	8A	6P	27	71		SOUTHERN PACIFIC COMPANY	2 3 5
MOUNT CHARLESTON LODGE	5400	CLARK	COLORADO	36 16	115 39	7500	P	6P	6P	0	0		PAUL CHUMROW	2 3 5
NIXON	5605	WASHOE	TRUCKEE	39 48	119 20	3910	P	5P	5P	21	21		ALBERT MAUWEE	2 3 5
NORTH FORK MAINTENANCE STATION	5691	ELKO	HUMBOLDT	41 29	115 49	4500	P	8A	8A				STATE HIGHWAY DEPARTMENT	3 4
OBAYADA	5818	HUMBOLDT	NORTHWEST	41 34	117 47	1300	P	5P	5P	25	37		PETER CHRISTENSEN	2 3 5
OVERTON	5846	CLARK	COLORADO	36 33	114 27	1275	P	8A	8A	10	10		US NAT PARK SERVICE	2 3 4 5
OWYEE	5869	ELKO	COLUMBIA	41 57	116 06	5396	P	MID	MID	27	27		US WB AIRWAY OBSERVER	2 3 4 5
PAHRUMP 2 N	5890	NYE	CENTRAL	36 14	115 59	2683	P	5P	5P	0	0		PAHRUMP VALLEY FARMS INC	2 3 5
PAHRUMP RANCH	5897	NYE	CENTRAL	36 11	116 00	2669	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
PALMETTO	5931	ESMERALDA	CENTRAL	37 27	117 45	6900	P	MID	MID				JOHN DEAN	3 4
PARADISE VALLEY	6000	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P	MID	MID				L T TURNER	3 4
PARADISE VALLEY RANGER STATION	6005	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P	5P	5P				U S FOREST SERVICE	3 4
PEQUOP	6148	ELKO	EASTERN	41 04	114 32	6000	P	MID	MID				STATE HIGHWAY DEPARTMENT	3 4 5
PLOCH	6252	LINCOLN	COLORADO	37 56	114 28	6110	M	7P	7P	20	27		NORMAN N SORESEN	2 3 5
PRIMEAUX	6349	EUREKA	HUMBOLDT	40 40	116 19	6000	P	6P	6P				ROY L PRIMEAUX	2 3 5
QUINN RIVER CROSSING	6504	HUMBOLDT	NORTHWEST	41 34	118 27	4087	P	6P	6P	25	25		GENERAL LIVESTOCK CO	2 3 4 5
RATTLESNAKE	6630	NYE	CENTRAL	38 26	116 03	5913	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5
RED ROCK SUMMIT	6733	CLARK	COLORADO	36 08	115 31	6500	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
RENO WB AIRPORT	6779	WASHOE	TRUCKEE	39 30	119 47	4397	P	MID	MID	61	61		U S WEATHER BUREAU	2 3 4 5
ROBERTS RANCH	6905	CLARK	CENTRAL	36 10	115 35	6100	P	VAR	VAR				U S GEOLOGICAL SURVEY	S
RUBY LAKE	7123	ELKO	EASTERN	40 12	115 30	6012	P	5P	5P	9	9		4 FISH & WILD LIFE SERVICE	2 3 5 6
RTE PATCH DAM	7192	PERSHING	HUMBOLDT	40 28	118 18	4161	P	5P	5P	14	14	9	US HUR RECLAMATION	2 3 4 5 6
SAND PASS	7261	WASHOE	NORTHWEST	40 19	119 48	3900	P	6P	6P	34	34		ROSS F BONHAM	2 3 5
SAN JACINTO	7284	ELKO	COLUMBIA	41 53	114 41	5200	P	5P	5P	45	45		U C LAND & CATTLE CO	CLOSED 6/1
SARCOBATUS	7319	NYE	CENTRAL	37 17	117 00	4020	P	6P	6P	6	6		STATE HIGHWAY DEPARTMENT	2 3 5
SCHIELBOURNE	7330	WHITE PINE	EASTERN	39 48	114 44		P	MID	MID				STATE HIGHWAY DEPARTMENT	3 4
SCHURZ	7358	MINERAL	WALKER	38 57	118 49	4124	P	5P	5P	29	29		WILLIE WILSON	2 3 5
SEARCHLIGHT	7369	CLARK	CENTRAL	35 28	114 55	3540	P	4P	4P	33	33		STATE HIGHWAY DEPARTMENT	2 3 4 5
SEVENTY ONE RANCH	7397	ELKO	HUMBOLDT	40 53	115 19	5550	P	7P	7P	8	8		MRS WM H WRIGHT	2 3 5
SHELDON	7443	WASHOE	NORTHWEST	41 51	119 38	6500	P	5P	5P	15	15		SHELDON GAME REFUGE	2 3 5
SMITH	7609	LYON	WALKER	38 49	119 24	4800	P	5P	5P	11	11		FRANK B MANN	2 3 5
SULPHUR	7873	HUMBOLDT	NORTHWEST	40 54	118 40	4044	P	4P	4P	34	34		WESTERN PACIFIC COMPANY	2 3 5
SUNNYSIDE	7908	NYE	CENTRAL	38 26	115 01		P	MID	MID				CLAIR WHIPPLE	3 4
THORNE	8034	MINERAL	WALKER	38 36	118 36	4200	P	5P	5P	32	37		SOUTHERN PACIFIC COMPANY	2 3 5
TONOPAH	8160	NYE	CENTRAL	38 04	117 14	6101	P	11P	11P	42	42		US WB AIRWAY OBSERVER	2 3 4 5
TUSCARORA WILLIAMS RANCH	8349	ELKO	COLUMBIA	41 21	116 04	6400	P	6P	6P				MRS IRENE WILLIAMS	3
UNIV OF NEVADA EXPERIMENT FARM	8500	WASHOE	TRUCKEE	39 31	119 47	4512	P	SS	SS	0	0		WALTER NEILSON	2 3 5
WADSWORTH	8834	WASHOE	TRUCKEE	39 38	119 17	4077	P	6P	6P	26	43		W J NEELEY	CLOSED 6/1
WELLINGTON RANGER STATION	8977	LYON	WALKER	38 45	119 23	4800	P	5P	5P	6	7</			

The four digit identification numbers in the index number column of the Station Index are assigned on a state bases. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F., Precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygrometric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in June issue of this publication.
- SS This entry in time of observation column in Station Index means sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- VAR This entry in time of observation column in Station Index means variable.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 537 Federal Office Building, San Francisco 2, California.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEVADA

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UNIVERSITY OF ILLINOIS

OCTOBER 1949

Volume LXIV No. 10



J. C. Eberhardt, Section Director - Salt Lake City

GENERAL SUMMARY

October weather was very satisfactory for harvesting of grains, hay and vegetable crops and for fall plowing and general farm work. Moisture prospects were improved by two stormy periods. Water storage in reservoirs on streams draining the eastern slopes of the Sierra Nevada continued to lower, however, with most of the larger reservoirs containing a very small percentage of capacity. The water-supply outlook is for continued low streamflow, unless heavy autumn rains occur.

Precipitation was received in two well-defined periods, 7th to 10th and 18th to 20th, with greatest amounts reported from stations in Elko and White Pine counties. The first general snowfall of the season was received over the northern sector on the 7th, and heavier amounts over northern and east-central stations on the 18th-19th raised monthly totals to 3 to 4 inches at valley stations and 15 to 20 inches at higher mountain stations. Moisture content averaged nearly an inch in the northeast division, although the statewide average was only 0.40 inch or 62% of normal. Icy highways were reported through higher mountain passes on the 18-19th, to initiate the first of the winter-time driving hazards, although no local roads were closed.

Killing frosts were reported at most northern and western stations on the 6th or 7th and

the growing season was terminated in most areas except the extreme south by the 21st. Haying was nearly completed by midmonth and ensilage corn was harvested and stored. Fall vegetables were coming along nicely in southern fields under ideal weather conditions. Fall seed plantings were beginning to sprout.

Mean temperatures averaged 49.5 degrees for the State as a whole or 1.7 degrees below normal, with the greatest minus departures registered in the northeastern division. Only four widely scattered stations reported monthly temperature averages above their November normals. Maximum readings for the month were generally recorded on the 3rd or 4th and lowest values during the period of stormy weather from the 18th to 20th.

Both winter ranges and the condition of cattle and sheep improved during October. There was considerable snow at the higher elevations and the dry grass and browse were softened and grazing conditions were improved at least temporarily. Supplies of locally grown hay are plentiful in most areas. Some graziers are well stocked with cottonseed cake for emergency use following the experience of last winter's unusually severe season. Livestock are generally reported in normal condition for this time of year.

SDG

TEMPERATURE

The average temperature for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 49.5°, 1.7° below an adjusted normal. The highest

temperature was 104° recorded at Lathrop Wells on the 1st. The lowest temperature recorded was 3° at Lehman Caves N.M. on the 20th. The highest monthly mean temperature was 66.1° at Boulder City; the lowest was 39.2° at Jarbidge.

PRECIPITATION

The average precipitation for the state, weighted in proportion to divisional areas and based on the stations in Table 2, was 0.40 inch, 0.25 inch below an adjusted normal. The greatest monthly amount was 2.98 inches record-

ed at Jarbidge; the least was 0.00 at 12 stations. The greatest amount recorded in an observational day was 1.50 inch at Beowawe on the 19th. The average number of days on which 0.01 inch or more of precipitation was recorded was 2.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per

year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

NEVADA
OCTOBER 1949

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COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	52.2	103	14	1.48	0.8	6	1910	51.0	101	7	0.42	T	3	1931	54.3	96	14	0.39	0.3	2
1890	50.5	92	8	0.25	1.1	2	1911	47.7	90	6	0.36	0.1	2	1932	51.1	96	5	0.18	0.2	1
1891	51.2	88	0	0.04	0.3	0	1912	45.8	88	0	1.34	4.0	5	1933	57.7	102	8	0.59	0.6	1
1892	47.5	91	2	0.32	0.2	3	1913	49.8	91	5	0.28	T	1	1934	54.4	102	9	0.82	0.3	4
1893	48.9	94	8	0.12	T	1	1914	51.5	96	14	0.61	0.2	3	1935	50.4	100	2	0.38	1.3	3
1894	51.7	94	5	0.33	0.0	2	1915	53.3	99	13	0.01	T	0	1936	52.8	98	12	0.76	0.2	3
1895	49.9	100	- 5	0.26	T	2	1916	46.3	88	8	1.68	3.0	6	1937	54.1	97	11	0.28	0.1	2
1896	50.3	94	11	0.24	0.5	1	1917	53.5	101	- 1	T	0.0	0	1938	51.4	94	17	1.32	1.4	5
1897	47.1	95	9	1.71	2.5	6	1918	53.2	98	- 10	0.98	0.3	4	1939	51.1	91	9	1.08	1.1	4
1898	45.9	86	7	0.23	0.6	2	1919	44.4	87	- 5	0.64	3.2	3	1940	53.5	96	6	0.86	0.8	4
1899	46.3	89	4	0.72	3.9	3	1920	48.0	99	4	1.05	5.3	4	1941	48.7	105	9	1.67	1.3	7
1900	47.7	82	4	0.80	0.9	3	1921	55.9	99	12	0.25	0.1	1	1942	53.6	103	1	0.43	0.5	2
1901	50.7	90	17	1.11	0.8	5	1922	52.0	98	4	0.32	0.2	2	1943	52.9	102	10	0.93	1.3	5
1902	49.8	97	13	0.26	0.7	1	1923	48.8	92	10	0.83	0.2	3	1944	54.6	98	13	0.32	0.1	2
1903	51.0	90	11	0.29	T	1	1924	50.5	98	10	1.02	2.4	5	1945	54.2	98	8	1.31	0.2	6
1904	47.8	91	6	1.20	0.1	4	1925	50.2	98	14	1.03	0.3	4	1946	47.2	93	9	1.72	1.5	6
1905	45.8	96	0	0.05	0.6	0	1926	53.9	96	4	0.17	T	2	1947	53.1	103	9	0.66	0.2	4
1906	49.9	100	1	0.10	T	0	1927	53.2	95	5	1.17	0.2	4	1948	52.1	100	5	0.54	0.9	3
1907	54.2	96	13	0.98	0.1	4	1928	51.7	99	9	0.43	1.8	3	1949	49.5	104	3	0.40	2.7	2
1908	46.6	95	1	0.49	1.4	2	1929	53.4	101	2	0.09	0.1	1							
1909	50.4	89	7	0.61	0.2	3	1930	48.9	94	10	0.62	0.5	3	PERIOD	50.7	105	- 5	0.65	0.8	

SLEET AND HAIL WERE INCLUDED IN OBTAINING SNOWFALL AVERAGES, BEGINNING WITH JANUARY 1949.

CLIMATOLOGICAL DATA

NEVADA
OCTOBER 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHWESTERN DIVISION																		
CARSON CITY	50.5	- 0.7	86	12	20	21	0	18	.24	- .34	.12	7	2.3	2	18	3	0	0
FALLON EXP STA	49.0	- 2.2	86	5	21	18	0	18	T	-.45	T	7+	T	0	0	0	0	0
FERNNLEY	51.3		87	2	21	20+	0	18	.00		.00		.0	0	0	0	0	0
GERLACE	49.5	- 2.7	84	2+	16	18	0	22	.00	- .44	.00		.0	0	0	0	0	0
GLENERBROOK	47.2		78	1+	12	18+	0	10	.58		.28	18	9.0	0	3	1	0	0
LABONTAN	52.3	- 2.3	86	5	28	18+	0	6	.00	- .36	.00		.0	0	3	0	0	0
LOVELOCK	50.9	- 0.2	85	4	23	21	0	15	.07	- .35	.04	7	.0	0	2	0	0	0
LOVELOCK CAA AP	47.6		86	4	17	18	0	19	.01		.01	7	T	0	1	0	0	0
MARLETTE LAKE	40.4	- 1.5	65	3	12	19	0	16	.74	- .76	.55	18	9.5	6	18	3	1	0
MINDEN	49.1	- 1.2	84	3+	15	19	0	20	.18	- .33	.10	19	1.0		2	0	0	0
NIXON	49.6	- 3.0	83	5	19	21	0	19	.08	- .68	.08	7	T	T	7	1	0	0
QUINN RIVER CROSSING	45.1M	- 1.5	80	4			0		.26	- .17	.16	7	.0	0	2	0	0	0
RENO WB AP	47.8	- 0.7	82	4	19	21	0	21	.11	- .25	.08	7	1.1	1	8	2	0	0
RYE PATCH DAM	48.9	- 1.8	84	4	14	18	0	17	.06	- .80	.04	7	T	0	2	0	0	0
SAND PASS	49.4M	- 3.9	84	4	15	18	0	17	T	- .50	T	8	.0	0	0	0	0	0
SHELDON	40.1	- 4.3	68	15	9	18	0	20	.53	-.63	.44	7	6.5	4	7	3	1	0
SMITH	48.0	- 2.5	85	2	13	22	0	25	T	-.45	T	7+	T	0	0	0	0	0
U OF N EXP FARM	51.6M		83	2			0		.13		.13	7	.8	0	1	0	0	0
WELLINGTON RS	51.5M		85	4	17	18	0	10	.00		.00		.0	0	0	0	0	0
WINNEMUCCA WB AP	44.7	- 3.6	82	4	15	18	0	23	.72	- .10	.31	7	2.2	T	7+	4	2	0
YERINGTON	48.0	- 2.9	85	2+	12	24	0	22	T	- .33	T	7	T	0	0	0	0	0
DIVISION	48.2	- 1.4							.18	- .41			1.5					
NORTHEASTERN DIVISION																		
AUSTIN	46.7	- 1.9	79	4	17	18	0	14	.37	- .46	.20	19	4.0	3	19	4	0	0
BATTLE MTN CAA AP	45.1		84	4	16	31	0	24	.63	.14	.33	7	5.2	T	8+	4	1	0
BEOVAWE	44.8	- 4.9	84	4	15	20	0	26	1.73	1.26	1.50	19			4	1	1	0
CONTACT	42.7		83	5	18	15+	0	30	1.01		.41	10	9.0		6	1	0	0
ELKO WB AP	43.7	- 3.0	83	4	18	31	0	26	.69	- .02	.32	10	3.0	2	19+	6	1	0
ELY WB AP	43.0	1.2	77	4	18	20	0	23	.61	- .16	.15	9	6.1	2	19	6	0	0
FISB CREEK RANCH	41.8		80	5	9	22+	0	28	.03		.03	9	T	0	1	0	0	0
JARBIDGE	39.2	- 7.0	77	4	15	19	0	27	2.98	1.17			17.0	12	8	5		
KIMBERLY	43.4	- 4.2	73	4	18	20	0	18	1.06	.00	.52	19	10.0	8	19	5	1	0
LAMOILLE PH	42.5	- 5.6	67	5	16	19	0	19	1.43	-.01	.47	10	8.5	4	20	4	3	0
LEHMAN CAVES NM	40.3M	- 7.8			3	20	0		.57	.22					5			
MALA VISTA RANCH	39.9M		79	4	10	15	0	29	.12		.05	7	T	0	3	0	0	0
MC GILL	45.8	- 3.4	75	4+	22	20	0	16	.70	- .12	.30	9	4.0	4	9	6	1	0
MONTELLO	44.1	- 4.5	81	4	16	14	0	27	.15	- .30	.08	11	.7	1	20	2	0	0
OWBEE	41.1	- 7.2	78	4	15	9	0	27	1.52	.28	.56	7	14.8	8	10	8		
RUBY LAKE	44.6M		79	4	17	20	0		1.13		.75	10	2.5			4	1	0
WELLS	42.5	- 3.5	81	4	12	24	0	27	.59	- .10			2.0	1	7	6	0	0
WILKINS	40.1		76	4	8	30	0	31	.50		.17	7	4.0		5	0	0	0
DIVISION	42.8	- 4.7							.93	.02			5.7					
SOUTHERN DIVISION																		
ADAVEN	48.7	- 0.7	80	28	19	19	0	16	.45	- .63	.39	19	4.0	4	19	2	1	0
ALAMO	55.6	- 2.3	91	4	22	21	2	13	.07	- .52	.07	19	.1	0		1	0	0
BASALT	49.9		80	4	17	19	0	12	.05		.05	18	1.8	1	18	1	0	0
BEATTY	60.3	0.4	92	3	30	20	4	2	.11	- .24	.09	18	T	0	2	0	0	0
BOULDER CITY	66.1	- 2.4	94	1	39	19	5	0	.01	- .28	.01	9	.0	0	1	0	0	0
CALIENTE	51.7M	- 1.2	88	4	19	20	0	15	.59	.03	.31	20	4.0		5	1	0	0
COALDALE	54.9		90	4	18	19	1	10	.00		.00		.0	0	0	0	0	0
DESERT GAME RANGE	60.5		89	4+	33	21	0	0	.23		.23	19	.5	0	1	0	0	0
GEYSER	54.5		80	3+	30	20+	0	2	.35	- .39	.35	19	7.5	3	19	1	1	0
GOLDFIELD	53.4	1.1	82	1	21	20	0	6	.20	- .30	.20	19	4.0		1	0	0	0
INDIAN SPRINGS	58.2	- 2.2	94	4+	25	21+	5	12	.12	- .17	.12	19			1	0	0	0
LAS VEGAS	62.8	- 3.2	96	4	28	21	8	1	T	-.28	T	19	.0	0	0	0	0	0
LAS VEGAS WB AP	63.3	- 0.4	95	2	32	21	5	1	.02	-.26	.02	8	.0	0	1	0	0	0
LATHROP WELLS	65.3		104	1	32	20	7	1	.00		.00		.0	0	0	0	0	0
MINA	52.1	- 1.6	89	4	24	25	0	14	T	- .28	T	18	T	0	0	0	0	0
MOUNT CHARLESTON LODGE	43.8		72	1	14	20	0	18	.32		.26	19			2	1	0	0
OVERTON	65.9	- 1.9	100	4	33	21	12	0	.02	- .50	.02	20	.0	0	1	0	0	0
PARRUMP	61.6		94	3+	30	21	6	2	.08		.08	19	T	0	1	0	0	0
PIOCHE	50.0	- 1.2	80	3+	23	20+	0	11	.55	- .29	.39	19	4.0	4	19	3	1	0
RATTLESNAKE	51.1M		21		20		0		T		T	18	T	0	0	0	0	0
SARCOBATUS	55.5		89	3+	25	19	0	10	.04		.04	19	.2	0	1	0	0	0
SCBURZ	51.0	- 2.0	88	4	18	21	0	19	.00	- .46	.00		.0	0	0	0	0	0
SEARCHLIGHT	63.8	- 1.3	97	4	34	19	2	0	.05	- .41	.05	8	.0	0	1	0	0	0
SMOKEY VALLEY	48.2		87	1	12	20	0	18	T		T	7	T	T	7	0	0	0
TONOPAH	49.3	- 2.8	80	4	15	20	0	11	.07	- .29	.02	10+	T	T	18+	4	0	0
DIVISION	55.9	0.6							.13	- .36			1.1					
STATE	49.5	- 1.7							.40	- .25			2.7					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NEVADA
OCTOBER 1949

Station	Day of month																															Total		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ADAVEN									.06										.39	T												.45		
ALAMO	Z																	.07														.07		
ARTHUR	Z				.07		.15	*	*	*	.60	*	.13					*	.14													1.29		
AUSTIN	Z						.10	.01	.06									.20	T													.37		
BASALT	Z						T									T		.09	T													.06		
BATTLE MT CAA AP	E						.33	.13	T	T									.15	.02												.63		
BEATTY	E																	.09	.02													.11		
BROWN							.06	.06											1.90	.12												1.73		
BOULDER CITY									.01																							.01		
CALIENTE	Z							.07	.02									.05	.14	.31												.59		
CARP																																	.11	
CARSON CITY							.12	T											.10	.02	.07											.24		
COALDALE																																	.00	
CONTACT	Z				T		.20	.04	T	.41		.03							.18	.15												1.01		
DESERT GAME RANGE										T									.23													.23		
EASTGATE	R									.06									.12	.01												.19		
ELKO WB AP	Z				.01		.02	T	.14	.32	T	T	T				T		.18	.04												.69		
ELT WB AP	Z							.12	.15	.07	T						.06	.06	.13	T	T											.61		
FALLON EXP STA							T																									T	.00	
FERNLEY																																	.00	
FERNLEY MNTC STA	R																																.00	
FISH CREEK RANCH	Z								.03																								.03	
GERLACH																																	.00	
GEYSER								T																									.35	
OLENBROOK							.20	.10										.28	.36													.58		
GOLDFIELD																			.20														.20	
IMLAY																																	.00	
INDIAN SPRINGS																			.12	.47												.12		
JARBIDGE					.42		*	1.43	*	.88		T		.20					*	.16												2.88		
JIGGS	Z							T		.48																						.82		
KIMBERLT																																	.00	
LABONTAN							T	T	.10	.11								.18	.15	.62	T	T	T									1.06		
LAMONVILLE PH										.32	.47								.43	.21												.00		
LAS VEGAS																			T													1.43		
LAS VEGAS WB AP	Z							.02							T	T																T	.02	
LATHEROP WELLS																																	.00	
LEDMAN CAVES NM							.02	*	.25									*	1.30													1.57		
LOVELOCK							.04														.03											.07		
LOVELOCK CAA AP	Z						.01		T										T													.01		
MALA VISTA RANCH							.05												.03	.04												.12		
MANHATTAN POWER HOUSE	R																															.00		
MARLETTE LAKE							.12	.07			.30	.05	.01	T				.56	T													.74		
MC GILL																		.10	.18	.08												.70		
MINA																		T														T	.18	
MINDEN	Z						.08	T											.10														.18	
MONTELEO																																	.15	
MOUNT CHARLESTON LODGE								.06						.08																			.32	
NIXON							.08												.28														.08	
NORTH FORK MNTC STA	Z										.70																						.08	
OVERTON	Z								T																								.02	
OWYHEE	Z				.11		.58	.32	*	.38		.05							.10	.04													1.52	
PAHRUMP 2 N								T											.08														.08	
PALMETTO	R																																.04	
PARADISE VALLEY	R									.31	.23								.04	.05													.59	
PEQUOP	R						.03	.01	.01	.15								.08	.10														.38	
PIOCHE								.15	.01																								.55	
QUINN RIVER CROSSING	Z		T				.16			.10								T	.38	T												.28		
RATTLESNAKE	Z																																T	.11
RENO WB AP	Z					T	.08	.03			T								T														1.13	
RUBY LAKE							.08	T		.75	T									.24	.08												.08	
RYE PATCH DAM	Z						.04				.02																						.08	
SAND PASS																																	T	.04
SARCOBATUS																																	.00	
SCHURZ																																	.00	
SEARCHLIGHT	Z								.05											.04													.05	
SHELDON					.07			.44	T	T	T	T								.02													.53	
SMITH								T	T																								T	.01
SMOKEY VALLEY																																	T	.00
SULPHUR											.01																						.01	
THORNE																																		

NEVADA
OCTOBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-8th-																									
ARTHUR																									.08
AUSTIN																									.10
BATTLE MT CAA AP						.01	.03	.04	.01								.01	.01	.03						.09
CALIENTE	*	*	*	*	*	*	*	*	*				*	*	*	*									.07
CONTACT																	.07								.04
ELY WB AP																					.01	.01	.05	.05	.12
FISH CREEK RANCH																									.01
JIGGS						.01	.02	.01				.01													.05
LAS VEGAS WB AP																									.02
OWYEE	*	*	*	*	*	*	*	*	*	.88										.01	.01				.88
PEQUOP																						.01			.03
RENO WB AP		.01	.01	.01																					.04
SEARCHLIGHT											.01	.01					.02								.01
WELLS																								.01	.01
-9th-																									
ARTHUR																									.05
AUSTIN										.01	.01	.01	.01	.01	.01										.03
CALIENTE			.01	.01	.01																				.05
CONTACT																				.01	.01	.03	.08	.11	.24
ELKO WB AP																				.03	.02	.02	.01	.06	.14
ELY WB AP	.03	.03	.02	.01	.01	.01	.01	.01	.01																.15
FISH CREEK RANCH	.01			.01		.01		.01	.01																.02
JIGGS								.01	.01											.01	.01	.03	.05	.07	.22
NORTH FORK MNTC STA																									.27
OWYEE																	.03	.01	.04	.04	.03	.05	.02	.05	.22
PARADISE VALLEY																	.01	.04	.04	.02	.03	.05	.05	.07	.31
PEQUOP							.01												.01	.01	.03	.03	.05	.07	.01
QUINN RIVER CROSSING																	.01	.02	.01		.01		.02	.01	.08
WELLS		.01		.01	.01																		.01	.04	.04
WINNEMUCCA WB AP																									

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DAILY TEMPERATURES

NEVADA
OCTOBER 1949

Table 5

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAVEN	MAX	77	75	78	77	77	70	58	42	51	82	72	78	87	75	70	72	64	54	35	38	47	53	57	88	83	88	68	80	71	89	72	64.5	
	MIN	41	42	42	44	46	35	34	24	25	28	28	42	42	40	36	40	38	30	18	20	22	21	25	28	29	31	32	32	38	28	32.8		
	MAX	88	87	90	81	88	85	70	58	85	73	81	85	81	78	88	82	72	88	51	80	80	85	72	74	78	78	80	73	82	75.9			
ALAMO	MAX	39	41	40	40	51	38	48	38	29	27	38	38	37	50	38	38	36	44	33	32	22	28	29	28	25	28	30	30	42	32	35.2		
	MIN	39	41	40	40	51	38	48	38	29	27	38	38	37	50	38	38	36	44	33	32	22	28	29	28	25	28	30	30	42	32	35.2		
	MAX	75	77	78	79	68	61	39	28	48	54	72	73	87	72	73	69	64	39	28	34	47	57	80	85	87	88	82	77	82	64	81.1		
AUSTIN	MAX	38	44	42	47	41	28	22	22	23	34	34	44	34	33	42	42	30	17	18	18	28	27	24	32	35	34	32	34	27	29	35	32.3	
	MIN	38	44	42	47	41	28	22	22	23	34	34	44	34	33	42	42	30	17	18	18	28	27	24	32	35	34	32	34	27	29	35	32.3	
	MAX	75	78	77	80	76	71	88	59	56	66	74	75	66	88	70	71	87	53	32	43	82	64	83	82	62	88	68	70	85	64	87	85.8	
BASALT	MAX	42	43	43	47	48	37	33	25	24	39	40	43	39	38	38	38	37	21	17	23	25	28	27	28	24	34	38	32	38	31	34.2		
	MIN	42	43	43	47	48	37	33	25	24	39	40	43	39	38	38	38	37	21	17	23	25	28	27	28	24	34	38	32	38	31	34.2		
	MAX	72	81	79	64	87	61	42	37	48	55	72	86	82	72	77	70	69	44	32	35	51	57	82	88	88	88	70	83	81	70	82.3		
BATTLE MT CAA AP	MAX	30	28	32	30	41	35	31	30	24	34	33	38	35	26	32	33	30	21	28	28	27	21	22	21	20	25	23	30	22	18	27.8		
	MIN	30	28	32	30	41	35	31	30	24	34	33	38	35	26	32	33	30	21	28	28	27	21	22	21	20	25	23	30	22	18	27.8		
	MAX	90	90	92	90	87	80	87	57	68	75	82	87	87	82	86	83	77	61	50	53	65	71	75	78	78	77	78	80	83	77	81	77.0	
BEATTY	MAX	52	53	52	53	49	50	45	41	35	35	45	50	52	54	51	51	47	33	32	30	33	36	36	38	39	38	44	45	45	48	41	43.8	
	MIN	70	81	78	84	70	61	48	52	49	54	71	68	63	71	77	73	68	47	37	36	51	56	82	85	88	88	84	69	80	81	88	83.0	
	MAX	91	91	91	91	41	34	30	23	21	31	25	28	40	35	23	30	27	28	19	23	15	21	28	24	22	22	21	22	21	21	20	28.8	
BOULDER CITY	MAX	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	26.9		
	MIN	71	67	69	68	68	63	81	50	40	46	52	60	65	66	63	85	58	53	39	42	40	49	51	54	52	50	52	56	54	62	58	58.2	
	MAX	94	91	91	93	91	87	71	62	86	73	76	64	86	83	64	80	75	65	58	45	59	85	70	72	74	75	78	78	76	74	73	75.5	
CALIENTE	MAX	71	67	69	69	68	63	81	50	40	46	52	60	65	66	63	85	58	53	39	42	40	49	51	54	52	50	52	56	54	62	58	58.2	
	MIN	86	64	87	88	82	80	72	53	58	70	78	84	74	75	80	83	58	58	49	46	53	60	64	68	71	72	73	73	75	85	72	70.7	
	MAX	38	38	41	38	46	40	51	32	33	29	30	35	37	44	35	41	29	19	28	28	22	24	25	25	25	25	28	28	34	34	32	32.7	
CARSON CITY	MAX	83	78	83	64	83	73	65	44	46	67	70	88	78	64	72	82	76	64	33	42	58	59	63	68	71	73	67	73	78	69	89	88.4	
	MIN	41	36	38	35	51	44	29	31	24	41	37	45	50	29	32	37	52	28	23	24	20	21	23	24	25	24	28	28	33	30	28	32.5	
	MAX	77	83	79	90	82	74	63	72	78	64	84	82	81	80	81	74	68	42	50	54	62	68	88	72	74	73	71	78	78	75	73.7		
COALDALE	MAX	42	43	44	43	46	44	32	34	38	42	40	41	40	44	42	41	38	32	18	24	29	31	28	29	31	32	33	34	33	34	38.0		
	MIN	68	77	74	81	83	53	54	37	50	46	64	62	69	68	75	75	87	46	35	37	46	53	57	66	69	68	83	67	60	81	80	81.0	
	MAX	31	28	27	27	26	25	21	21	21	32	31	41	21	19	18	18	18	18	21	24	28	23	22	27	25	22	27	27	20	21	23	24.3	
DESERT GAME RANGE	MAX	87	87	88	89	89	82	78	63	66	71	77	83	84	79	80	80	79	73	53	55	60	64	70	73	70	75	78	73	81	72	74	75.3	
	MIN	52	54	52	56	58	54	52	45	37	38	40	48	51	52	52	56	51	52	34	37	33	37	36	38	38	43	41	44	52	44	45.7		
	MAX	69	76	76	83	67	59	41	38	43	48	67	62	70	74	70	68	41	32	32	48	54	61	68	67	66	63	66	58	80	87	80.0		
ELKO WB AP	MAX	33	28	31	30	33	29	26	28	32	33	32	40	34	25	30	30	30	30	30	24	25	27	22	22	21	20	20	26	22	28	19	18	27.3
	MIN	71	75	76	77	74	65	44	38	43	48	65	74	59	67	72	70	60	37	28	34	41	50	53	58	85	83	58	64	59	54	87	58.5	
	MAX	31	33	34	37	42	26	27	24	28	28	26	34	36	28	30	35	37	52	28	23	24	20	21	23	24	25	24	28	28	33	30	28	27.5
FALLON LAP STA	MAX	75	73	79	79	86	77	70	49	47	61	65	77	74	64	69	78	79	74	43	40	50	57	61	64	68	69	68	69	71	67	84	68.7	
	MIN	37	38	38	39	48	32	33	31	23	32	34	42	43	30	34	39	33	21	25	30	22	22	24	24	25	25	29	28	33	28	25	31.2	
	MAX	79	87	85	86	77	69	57	46	66	65	83	76	72	75	84	80	67	46	43	55	62	66	70	72	68	74	78	73	68	73	70.2		
FERNLEY	MAX	37	40	38	35	32	27	31	32	27	31	34	42	43	30	34	39	33	21	25	30	22	22	24	24	25	25	29	28	33	28	25	31.2	
	MIN	38	37	40	38	35	32	27	31	32	27	31	34	42	43	30	34	39	33	21	25	30	22	22	24	24	25	25	29	28	33	28	25	31.2
	MAX	68	72	78	77	80	74	66	43	40	44	55	70	76	83	72	74	72	68	40	30	40	48	57	80	83	86	64	62	68	63	88	82.0	
FISH CREEK RANCH	MAX	29	28	29	26	40	25	17	22	27	30	19	28	35	26	24	24	34	28	22	16	18	9	12	9	9	10	17	14	20	15	10	21.6	
	MIN	79	64	82	80	64	82	80	78	70	66	67	81	71	64	66	70																	

Table 5-Continued

DAILY TEMPERATURES

NEVADA
OCTOBER 1949

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SEARCHLIGHT	MAX	90	89	89	97	87	84	78	62	62	70	77	85	86	83	81	76	73	67	56	52	57	65	68	72	75	76	78	77	82	78	72	75.6	
	MIN	63	61	60	63	63	54	54	40	35	42	50	59	55	62	58	60	53	49	34	35	40	42	49	53	55	49	55	58	52	55	50	51.9	
SHELDON	MAX	65	64	67	67	53	45	34	35	38	47	60	55	51	65	68	55	36	30	28	41	50	60	63	62	61	55	56	60	53	60	66	53.2	
	MIN	27	37	30	32	35	21	21	20	19	32	39	33	19	22	33	20	16	9	14	13	19	32	34	35	35	33	28	36	28	25	37	26.9	
SMITH	MAX	78	85	84	84	75	69	60	45	66	72	81	78	65	73	81	76	67	58	44	51	58	65	68	70	72	65	71	77	74	68	74	69.5	
	MIN	30	29	32	32	53	26	29	28	25	47	30	33	33	24	26	37	47	14	18	27	14	13	15	15	17	23	22	20	25	19	18	26.5	
SMOKEY VALLEY	MAX	87	78	80	80	81	71	61	40	54	63	76	80	67	75	74	74	68	55	38	42	52	60	61	67	67	69	64	69	66	64	67	66.1	
	MIN	34	40	39	39	38	35	31	28	22	41	28	38	41	36	38	35	45	23	27	12	25	22	22	23	23	21	29	25	28	27	25	30.3	
THORNE	MAX				85	91	90	82	76			73	79	81	81	80		80	70	41	49	58				68	70	71	69	75			74	
	MIN				45	50	53	41	35			32	39	44	49	48		40	28	28	32	27				28	32	38	38	35		31		-
TONOPAH	MAX	77	78	79	80	76	71	49	41	50	60	72	77	66	76	74	72	64	39	31	40	51	56	60	65	65	67	62	66	65	62	70	63.3	
	MIN	47	47	46	49	48	38	29	20	22	36	38	46	40	41	43	44	35	20	18	15	26	26	30	32	36	32	38	37	44	34	35	35.2	
U OF N EXP FARM	MAX	77	83	82	79	78	64	63	48	63	67	80	75	69	71	71		80	64	39		60	65	67	70	72	63	76	74	75	73	69.6		
	MIN	40	39	40	38	55	41	30	31	26	44	36	45	44	33	35		36	28	25			22	27	26	28	27	30	31	23	31	29	33.6	
WELLINGTON RS	MAX	74	81	79	85	75	70				52	64		77	75	70	78	75	75	65	56	40	51	55	61	65	67	67	67	65	69	68	70	67.7
	MIN	38	38	39	47	57	36				30	30	45	38	40	33	35	34	46	53	17	25	30	22	23	25	25	38	37	35	40	38	35.2	
WELLS	MAX	67	76	74	81	67	54	40	37	45	47	64	62	59	70	73	69	67	56	35	35	47	57	64	66	67	66	61	67	58	60	68	60.0	
	MIN	33	26	23	27	33	27	28	26	30	32	32	41	33	26	21	28	24	26	23	24	22	19	22	12	18	17	19	17	32	15	15	24.9	
WILKINS	MAX	62	68	74	76	75	70	51	52	48	43	63	61	54	58	50	70	65	52	29	32	46	60	61	63	65	66	68	67	70	69	53	59.4	
	MIN	22	26	19	20	22	18	17	28	30	29	30	30	28	28	22	12	28	21	20	22	21	18	15	12	18	21	18		9	8	14	20.8	
WINNEMUCCA WB AP	MAX	73	77	78	82	63	57	40	41	50	56	74	65	60	70	78	64	55	42	35	46	56	60	65	69	71	67	65	69	63	63	71	62.1	
	MIN	29	30	33	30	41	37	30	27	23	38	38	45	37	24	28	34	24	15	21	28	19	18	19	18	19	19	22	23	29	26	18	27.2	
YERINGTON	MAX	79	85	82	85	80	73	68	48	65	70	81	80	65	73	80	81	72	45	45	53	60	65	66	70	74	70	73	77	70	69	72	70.2	
	MIN	36	32	33	31	48	26	25	25	18	37	28	33	37	25	34	37	34	15	15	25	14	19	16	12	17	19	23	26	20	21	20	25.8	

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BOULDER CITY	EVAP	.41	.24	.24	.24	.44	.39	.50	.26	.16	.17	.19	.22	.36	.32	.21	.19	.21	.32	.17	.10	.13	.24	.19	.15	.16	.17	.16	.22	.17	.33	.26	7.52
	WIND	68	52	44	29	138	104	251	165	68	34	55	40	33	87	46	46	115	264	149	68	58	183	75	42	41	36	29	52	34	161	95	2662
	MAX	81	80	82	84	75	78	78	61	66	68	72	77	79	77	76	73	73	62	54	58	59	62				70	71	70	70	66	66	71.0
	MIN	58	60	59	60	59	56	50	46	48	44	48	53	58	58	58	61	56	44	39	41	40	43				52	51	52	54	47		51.7
LAHONTAN	EVAP	.04	.05	.03	.07	.40	.15	.14	.07	.07	.09	.08	.04	.08	.08	.10	.03	.09	.18	.10	.02	.03	.02	.04	.05	.04	.06	.09	.07	.05	.04	.08	2.48
	WIND	24	22	22	23	187	132	202	58	79	155	3	37	43	46	54	60	63	165	105	58	23	32	37	34	26	62	45	45	54	36	35	1967
RUBY LAKE	EVAP	.10	*	.28	.06	.23	.24	.09	*	*	.12	*	*	.15	.18	*	.23	.12	.10	*	*	.04	.03	.02	.04	.02	.10	.09	.07	*	.18	.04	2.53
	WIND	9	*	35	27	73	34	90	25	*	124	7	*	61	13	*	38	48	60	28	4	5	14	12	5	7	15	27	2	*	64	4	831
RYE PATCH DAM	EVAP	.24	.23	.24	.29	.28	.18	.03	.18	.07	.09	.08	.29	.53	.22	.16	.27	.20	.12	.04	.02	.07	.11	.15	.06	.10	.16	.14	.15	.08	.26	.00	5.04
	WIND	154	46	99	53	169	83	133	166	54	74	37	85	393	154	33	124	93	122	150	50	44	44	40	24	19	45	27	53	39	169	17	2793

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION.

NEVADA
OCTOBER 1949

Table 7

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
AOAVEN	SNOWFALL SN ON GND																			4.0 4	-														
ALAMO	SNOWFALL SN ON GND																			0.1															
AUSTIN	SNOWFALL SN ON GND							T	T																										
HASALT	SNOWFALL SN ON GND							T											1.3 1	0.5 T															
BATTLE MTN CAA AP	SNOWFALL SN ON GND							0.7	2.4 T											2.0 T	0.1														
BEATTY	SNOWFALL SN ON GND																		T	T															
CALIENTE	SNOWFALL SN ON GND																				T	4.0 -													
CARSON CITY	SNOWFALL SN ON GND							T	T											2.0 2	0.3 T														
CONTACT	SNOWFALL SN ON GND							3.0	1.0												3.0 2	2.0													
OESERT GAME RANGE	SNOWFALL SN ON GND							-	-	T										-	0.5														
ELKO WB AP	SNOWFALL SN ON GND							T	T	1.1	T										1.6 1	0.3 1													
ELY WB AP	SNOWFALL SN ON GND								2.8	0.9	0.4									0.8 1	1.2 2	T	T												
FALLON EXP STA	SNOWFALL SN ON GND							T		T																									
FISH CREEK RANCH	SNOWFALL SN ON GND									T																									
GEYSER	SNOWFALL SN ON GND																			T	7.5 3	-													
GLENBROOK	SNOWFALL SN ON GND							2.0	2.0											5.0															
GOLDFIELD	SNOWFALL SN ON GND							-	-	-	-									-	4.0														
JARBIOGE	SNOWFALL SN ON GND							*	12.0 12		T											5.0 5													
KIMBERLY	SNOWFALL SN ON GND							T	T	2.0	T								T	2.0 2	6.0 8	T	T	T											
LAMOILLE PH	SNOWFALL SN ON GND									1.0 1	1.5 1										4.0 3	2.0 4													
LEHMAN CAVES N M	SNOWFALL SN ON GND							-	-	-										*	14.0														
LOVELOCK CAA AP	SNOWFALL SN ON GND							-	-	-										-	T														
MALA VISTA RANCH	SNOWFALL SN ON GND																				T	T													
MARLETTE LAKE	SNOWFALL SN ON GND							2.5 2	1.0 3											6.0 6	T 4	2													
MC GILL	SNOWFALL SN ON GND									4.0 4																									
MINA	SNOWFALL SN ON GND																			T															
MINDEN	SNOWFALL SN ON GND							T													1.0 -														
MONTELLO	SNOWFALL SN ON GND											T										0.7 1													
NIXON	SNOWFALL SN ON GND							T																											
OWYHEE	SNOWFALL SN ON GND					T		4.8 5	4.2 6	*	4.0 8		2								1.5 1	0.3 1		1											
PAHRUMP 2 N	SNOWFALL SN ON GND																																		
PIOCHE	SNOWFALL SN ON GND								T	T										T	4.0 4		T												
RATTLESNAKE	SNOWFALL SN ON GND								T											T T T		T	T												
RENO WB AP	SNOWFALL SN ON GND							0.5	0.6											T	T														
RUBY LAKE	SNOWFALL SN ON GND							T	T												2.0 -	0.5 -													
RYE PATCH OAM	SNOWFALL SN ON GND							T													T														
SARCOHATUS	SNOWFALL SN ON GND																				0.2														
SHELDON	SNOWFALL SN ON GND							5.5 4	T	2	1										1.0 T														
SMITH	SNOWFALL SN ON GND							T																											
SMOKEY VALLEY	SNOWFALL SN ON GND							T																											
TONOPAH	SNOWFALL SN ON GND																			T	T	T													
U OF N EXP FARM	SNOWFALL SN ON GND							0.8	T																										
WELLS	SNOWFALL SN ON GND							2.0 1			T											T	T												
WILKINS	SNOWFALL SN ON GND							2.0 -													2.0 2		2												
WINNEMUCCA WB AP	SNOWFALL SN ON GND							2.0	T												0.2 T														
YERINGTON	SNOWFALL SN ON GND							T																											

STATION INDEX

NEVADA
OCTOBER 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp.	Precip.	Temp.	Precip.	Exp.		
ADAVEN	0046	NYE	CENTRAL	38 07	115 35	6250	P	4P	4P	35	35		RALPH HUBER	2 3 5 7
ALAMO	0099	LINCOLN	COLORADO	37 22	115 09	3446	M	SS	SS	24	24		G L DAVIS	2 3 4 5 7
ALAMO MAINTENANCE STATION	0109	LINCOLN	COLORADO	37 22	115 09	4100	M						STATE HIGHWAY DEPARTMENT	CLOSED 7/26
ARTHUR	0438	ELKO	EASTERN	40 48	115 11	6500	P						MRS MADELYN O'DONNELL	3 4
AUSTIN	0507	LANDER	HUMBOLDT	39 30	117 05	6543	P	11P	11P	55	60		US WB AIRWAY OBSERVER	2 3 4 5 7
BASALT	0658	MINERAL	CENTRAL	38 00	118 16	6350	P						STATE HIGHWAY DEPARTMENT	2 3 4 5 7
BATTLE MOUNTAIN CAA AP	0691	LANDER	HUMBOLDT	40 37	116 45	4528	P	MID	MID	5	79		US CIVIL AERO ADM	2 3 4 5 7
BEATTY	0714	NYE	CENTRAL	36 54	116 45	3314	P	MID	MID	31	32		US WB AIRWAY OBSERVER	2 3 4 5 7
BEOWAVE	0795	EUREKA	HUMBOLDT	40 36	116 29	4695	P	SS	88	69	77		SOUTHERN PACIFIC COMPANY	2 3 5 7
BOULDER CITY	1071	CLARK	COLORADO	35 59	114 51	2525	P	4P	4P	17	17	14	US BUR RECLAMATION	2 3 5 6 7
BUCKSKIN MOUNTAIN	1308	HUMBOLDT	HUMBOLDT	41 47	117 33	7800	P						U S FOREST SERVICE	S
CALIENTE	1358	LINCOLN	COLORADO	37 37	114 31	4402	M	5P	5P	25	27		US SOIL CON SERVICE	2 3 4 5 7
CARSON CITY	1485	ORMSBY	CARSON	39 10	119 46	4675	P	9A	9A	53	56		STATE HIGHWAY DEPARTMENT	2 3 5 7
COALDALE	1755	ESMERALDA	CENTRAL	38 03	117 54	4646	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5 7
COLD CREEK RANCH	1790	CLARK	COLORADO	36 25	115 44	6200	P						U S GEOLOGICAL SURVEY	S
CONTACT	1905	ELKO	COLUMBIA	41 47	114 45	5365	P	5P	5P	0	5		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
COTTONWOOD RANCH	2020	LANDER	HUMBOLDT	40 06	117 21	5400	P						W T JENKINS COMPANY	CLOSED 8/16
CURRENT	2078	NYE	CENTRAL	38 45	115 28	5183	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5 7
DESERT GAME RANGE	2243	CLARK	COLORADO	36 26	115 21	3025	P	5P	5P	9	9		FISH & WILD LIFE SERVICE	2 3 5 7
DYER	2431	ESMERALDA	CENTRAL	37 43	118 05	4950	P						D O NORRIS	3
EASTGATE	2477	CHURCHILL	CENTRAL	39 19	117 53	4000	P						STATE HIGHWAY DEPARTMENT	3 4
ELKO WB AIRPORT	2573	ELKO	HUMBOLDT	40 50	115 47	5075	P	MID	MID	53	79		U S WEATHER BUREAU	2 3 4 5 7
ELY WB AIRPORT	2631	WHITE PINE	EASTERN	39 17	114 51	7257	P	MID	MID	10	10		U S WEATHER BUREAU	2 3 4 5 7
FALLON EXPERIMENT STATION	2780	CHURCHILL	CARSON	39 27	118 47	3965	P	8A	8A	45	53		U S EXPERIMENT STATION	2 3 5 7
FERNLEY MAINTENANCE STATION	2849	LYON	TRUCKEE	39 37	119 15	6100	P						STATE HIGHWAY DEPARTMENT	3 4
FISH CREEK RANCH	2860	EUREKA	CENTRAL	39 16	116 00	4650	P	7A	7A	5	6		BARTHOLOMAE CORPORATION	2 3 4 5 7
GERLACB	3090	WASBOE	NORTHWESTERN	40 35	119 24	3980	P	8A	8A	36	37		U S GYPSUM COMPANY	2 3 5 7
GEYSER	3101	LINCOLN	EASTERN	38 38	114 38	5984	P	6P	6P	7	20		STATE HIGHWAY DEPARTMENT	2 3 5 7
GLENBROOK	3205	DOUGLAS	TRUCKEE	39 05	119 56	6400	P	6P	6P	9	9		ERNEST LEE	2 3 5 7
GOLCONDA	3245	HUMBOLDT	HUMBOLDT	40 58	117 30	4392	P	8A	8A	56	70		SOUTHERN PACIFIC COMPANY	2 3 5 7
GOLDFIELD	3285	ESMERALDA	CENTRAL	37 43	117 13	5700	P	6P	6P	43	43		CALIFORNIA ELKC POWER CO	2 3 5 7
HARRISON PASS	3498	ELKO	HUMBOLDT	40 29	115 31	7200	P						U S FOREST SERVICE	S
HAWTHORNE HARBIT	3515	MINERAL	WALKER	38 32	118 39	4180	P	11P	11P	29	33		US WB AIRWAY OBSERVER	2 3 4 5 7
HIDDEN FOREST CAMP	3653	CLARK	COLORADO	36 43	115 13	8100	P						U S GEOLOGICAL SURVEY	S
IMLAY	3957	PERSHING	HUMBOLDT	40 40	118 10	4209	P	4P	4P	34	78		SOUTHERN PACIFIC COMPANY	2 3 5 7
INDIAN SPRINGS	3980	CLARK	COLORADO	36 34	115 40	3136	P	6P	6P	10	10		TIM HARNEDY	2 3 5 7
JACKS CREEK PASS	4026	ELKO	HUMBOLDT	41 34	116 00	7725	P						U S FOREST SERVICE	S
JARHIDGE	4038	ELKO	COLUMBIA	41 52	115 26	6100	P	5P	5P	10	10		A URAHL	2 3 5 7
JIGGS	4086	ELKO	HUMBOLDT	40 25	115 40	5200	P						MRS GERTRUDE L PETERS	3 4
KIMBERLY	4199	WHITE PINE	EASTERN	39 16	118 47	7257	P	4P	4P	21	24		JOHN COOPER PERKINS CORP	2 3 5 7
LABONTAN	4349	CHURCHILL	CARSON	39 28	119 04	4200	P	8A	8A	38	42	23	TRUCKEE-CARSON IRRIG SVC	2 3 5 7
LAMOILLE POWER HOUSE	4395	ELKO	HUMBOLDT	40 41	115 28	6290	P	4P	4P	33	45	27	ELKO-LAMOILLE POWER CO	2 3 5 6 7
LAS VEGAS	4429	CLARK	COLORADO	36 10	115 09	2006	P	6P	6P	39	45		C P SQUIRES	2 3 5 7
LAS VEGAS WB AIRPORT	4436	CLARK	COLORADO	36 04	115 10	2162	P	MID	MID	12	12		U S WEATHER BUREAU	2 3 4 5 7
LATHROP WELLS	4457	NYE	CENTRAL	36 38	116 24	2659	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5 7
LEE	4491	ELKO	HUMBOLDT	40 34	115 37	6000	P						CECIL G YATES	3
LEE CANYON SUMMIT	4502	CLARK	COLORADO	36 18	115 41	9000	P						U S GEOLOGICAL SURVEY	S
LEHMAN CAVES NATIONAL MONUMENT	4514	WHITE PINE	EASTERN	38 59	114 13	6825	P	6P	6P	11	11		U S NAT PARK SERVICE	2 3 5 7
LOVELOCK	4698	PERSHING	HUMBOLDT	40 12	118 28	3977	P	9A	9A	34	37		PAUL K GARDNER	2 3 5 7
LOVELOCK CAA AP	4700	PERSHING	HUMBOLDT	40 04	118 34	3900	P	MID	MID	1	1		US CIVIL AERO ADM	2 3 4 5 7
MALA VISTA RANCB	4824	ELKO	HUMBOLDT	41 17	115 15	5585	P	6P	6P	9	9		ARTHUR F HYDE	2 3 5 7
MANHATTAN POWER HOUSE	4835	NYE	CENTRAL	38 32	117 05	6950	P						CALIFORNIA ELKC POWER CO	3 4
MARLETTE LAKE	4858	WASBOE	TRUCKEE	39 11	119 55	8000	P	6P	6P	22	22		JACK FERGUSON	2 3 5 7
MATHEWS RANCH	4888	LINCOLN	COLORADO	37 30	114 13		P						ROSS W MATHEWS	3 4
MC DERMITT INDIAN RESERVATION	4939	HUMBOLDT	NORTHWESTERN	41 58	117 38	5100	P						U S INDIAN SERVICE	3 4
MC GILL	4950	WHITE PINE	EASTERN	39 24	114 46	6340	P	7A	7A	37	60		WENNECOTT COPPER CORP	2 3 5 7
MINA	5168	WALKER	CARSON	38 23	118 06	4350	P	8A	8A	54	54		SOUTHERN PACIFIC COMPANY	2 3 5 7
MINDEN	5191	DOUGLAS	CARSON	38 57	119 46	4700	P	7A	7A	49	57		DICK COLES	2 3 4 5 7
MONTELO	5352	ELKO	EASTERN	41 17	114 11	4877	P	8A	6P	27	71		SOUTHERN PACIFIC COMPANY	2 3 5 7
MOUNT CHARLESTON LODGE	5400	CLARK	COLORADO	36 16	115 39	7500	P	5P	6P	0	0		PAUL CHUMROW	2 3 5 7
NIXON	5605	WASBOE	TRUCKEE	39 48	119 20	3910	P	5P	5P	21	21		ALBERT MAUWEE	2 3 5 7
NORTH FORK MAINTENANCE STATION	5691	ELKO	HUMBOLDT	41 29	115 49	4500	P						STATE HIGHWAY DEPARTMENT	3 4
OROVADA	5818	HUMBOLDT	NORTHWEST	41 34	117 47	4300	P	5P	5P	25	37		PETER CHRISTENSEN	2 3 5 7
OVERTON	5846	CLARK	COLORADO	36 33	114 27	1275	P	8A	8A	10	10		US NAT PARK SERVICE	2 3 4 5 7
OWYEE	5869	ELKO	COLUMBIA	40 56	115 06	5350	P	MID	MID	27	27		US WB AIRWAY OBSERVER	2 3 4 5 7
PAHRUMP 2 N	5890	NYE	CENTRAL	36 14	115 59	2683	P	5P	5P	0	0		PAHRUMP VALLEY FARMS INC	2 3 5 7
PAHRUMP RANCH	5897	NYE	CENTRAL	36 11	116 00	2669	P						U S GEOLOGICAL SURVEY	S
PALMETTO	5931	ESMERALDA	CENTRAL	37 27	117 45	6900	P						JOHN DEAN	3 4
PARADISE VALLEY	6000	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P						L T TURNER	3 4
PARADISE VALLEY RANGER STATION	6005	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P						U S FOREST SERVICE	3 4
PEQUOP	6148	ELKO	EASTERN	41 04	114 32	6000	P						STATE HIGHWAY DEPARTMENT	3 4
PICHOE	6252	LINCOLN	COLORADO	37 56	114 28	6110	M	7P	7P	20	27		NORMAN N SORESENSEN	2 3 5 7
PRIMEAUX	6349	EUREKA	HUMBOLDT	40 40	116 19	6000	P						ROY L PRIMEAUX	2 3 5 7
QUINN RIVER CROSSING	6504	HUMBOLDT	NORTHWEST	41 34	118 27	4087	P	6P	6P	25	27		GENERAL LIVESTOCK CO	2 3 4 5 7
RATTLESNAKE	6630	NYE	CENTRAL	38 26	116 03	5913	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
RED ROCK SUMMIT	6733	CLARK	COLORADO	36 08	115 31	6500	P						U S GEOLOGICAL SURVEY	S
RENO WB AIRPORT	6779	WASBOE	TRUCKEE	39 30	119 47	4397	P	MID	MID	61	61		U S WEATHER BUREAU	2 3 4 5 7
ROBERTS RANCB	6905	CLARK	CENTRAL	36 10	115 35	6100	P						U S GEOLOGICAL SURVEY	S
RUBY LAKE	7123	ELKO	EASTERN	40 12	115 30	6012	P	5P	5P	9	9		4 FISH & WILD LIFE SERVICE	2 3 5 6 7
RYE PATCH DAM	7192	PERSHING	HUMBOLDT	40 28	118 18	4161	P	5P	5P	14	14		9 US BUR RECLAMATION	2 3 4 5 8 7
SAND PASS	7261	WASBOE	NORTHWEST	40 19	119 48	3900	P	6P	6P	34	34		ROSS F BONHAM	2 3 5 7
SAN JACINTO	7284	ELKO	COLUMBIA	41 53	114 41	7200	P	5P	5P	45	45		U C LAND & CATTLE CO	CLOSED 6/1
SARCORIATUS	7319	NYE	CENTRAL	37 17	117 00	4020	P	6P	6P	6	6		STATE HIGHWAY DEPARTMENT	2 3 5 7
SCHRELLBOURNE	7330	WHITE PINE	EASTERN	39 48	114 44		P						STATE HIGHWAY DEPARTMENT	3 4
SCHURZ	7358	MINERAL	WALKER	38 57	118 49	4124	P	5P	5P	29	29		WILLIE WILSON	2 3 5 7
SEARCHLIGHT	7369	CLARK	CENTRAL	35 28	114 55	3540	P	4P	4P	33	33		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
SEVENTY ONE RANCH	7397	ELKO	HUMBOLDT	40 53	115 19	5550	P	7P	7P	8	8		MRS WM H WRIGHT	2 3 5 7
SHELDON	7443	WASBOE	NORTHWEST	41 51	119 38	6500	P	5P	5P	15	15		SHELDON GAME REFUGE	2 3 5 7
SMITH	7609	LYON	WALKER	38 49	119 24	4800	P	5P	5P	11	11		FRANK H MANN	2 3 5 7
SULPHUR	7873	HUMBOLDT	NORTHWEST	40 54	118 40	4044	P	4P	4P	34	34		WESTERN PACIFIC COMPANY	2 3 5 7
SUNNYSIDE	7908	NYE	CENTRAL	38 26	115 01		P						CLAIR WHIPPLK	3 4
THORNE	8034	MINERAL	WALKER	38 36	118 38	4200	P	5P	5P	32	37		SOUTHERN PACIFIC COMPANY	2 3 5 7
TONOPAH	8160	NYE	CENTRAL	38 04	117 14	6101	P	11P	11P	42	42		US WB AIRWAY OBSERVER	2 3 4 5 7
TUSCARORA WILLIAMS RANCH	8349	ELKO	COLUMBIA	41 21	116 04	6400	P						MRS IRENE WILLIAMS	3
UNIV OF NEVADA EXPERIMENT FARM	8500	WASBOE	TRUCKEE	39 31	119 47	4512	P	8S	SS	0	0		WALTER NEILSON	2 3 5 7
WADSWORTH	8534	WASBOE	TRUCKEE	39 38	119 17	4077	P	6P	6P	26	43		W J NEELEY	CLOSED 6/1
WELLINGTON RANGER STATION	8977	LYON	WALKER	38 45	119 23	4800	P	5P	5P	6	7		U S FOREST SERVICE	2 3 4 5 7
WELLS														

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F., precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygrometric values before and after January 1, 1949, cannot be accurately combined without necessary conversion.

- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
- + And also on later date or dates.
- * Amount included in following measurement, time distribution unknown.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in June issue of this publication.
- SS This entry in time of observation column in Station Index means sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- VAR This entry in time of observation column in Station Index means variable.
- Z Hourly amounts from a recording gage at the same site may be found in Table 4.

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Met. Hist.

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEVADA

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UNIVERSITY OF CALIFORNIA

NOVEMBER 1949

Volume LXIV No. 11



J. C. Eberhardt, Section Director - Salt Lake City

WEATHER SUMMARY

This was the warmest November in Nevada weather history, every temperature reporting station recording monthly mean temperatures from 2° to 10° above normal. Coupled with below normal precipitation during the summer and autumn months, Nevada grazing ranges and pastures continued to dry out and water storage problems were becoming acute.

November's mean monthly temperature of 47.0° was plus 7.1°, the warmest of history, exceeding the previous high November mean of 45.7° in 1926. This was in sharp contrast to the 37.3° mean temperature of November 1948. The greatest plus departures were in the extreme northern sections of the State and through the central desert region. Searchlight reported the highest monthly mean temperature of 62.1° and Fish Creek Ranch was low with 38.0°. Imlay had the least departure from normal (plus 2.2°) while Goldfield, Jarbidge and Sheldon were more than 10° above normal. The extreme maximum was 90° at Lathrop Wells on the 3rd and the lowest minimum was 5° at Imlay on the 17th. First-Order stations at Reno and Winnemucca reported several daily maximum records established during the month. Highest readings for the month usually occurred about the 3rd and lowest readings generally on the 11th or 22d.

Heavy precipitation over western and central stations from the 7th to 10th was the only general storm of the month, and it proved very beneficial to those areas where upstream storage was drastically low. It brought a little snow to some of the higher stations but only one-third the usual Nov-

ember snowfall. Some traffic congestion was reported over mountain passes due to icy roads the night of November 9-10th. Precipitation was above normal at a few stations in the valleys east of the Sierra Nevada and at some east-central stations near the Utah border, but the State average of 0.52 inch was minus 0.12 inch, or 81% of normal. Heaviest precipitation for the month was 2.34 inches at Glenbrook, and none was observed at Smith, Lathrop Wells, Indian Springs and Carp. Reno and Carson City reported 24-hour amounts well over an inch on November 9-10th, their heaviest rainfall since October of 1945.

The early November storm improved the water supply situation for the coming winter but did not materially improve the outlook for the next irrigation season. This outlook is for critically short supplies, particularly in those areas dependent upon hold-over storage, unless heavy winter and spring precipitation is forthcoming.

The autumn season was practically identical with last year's dry autumn (1.29 inch or 71% of normal) and coupled with the dry summer season (62%) had a continued drying effect on pastures and ranges. There is plenty of feed but it is dry and needs more moisture. In eastern Nevada range forage is especially plentiful and cattle and sheep in White Pine and Nye County are actually showing improvement on winter range feed. More rain or snow would be welcomed in all areas. Fall vegetables were being marketed from southern truck farms and fall plantings of grain were up to good stands.

SDG

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gauges--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gauges, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per

year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

NEVADA
NOVEMBER 1949

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation										Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	4:30A PST	10:30A PST	4:30P PST	10:30P PST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset		
ELKO WB AIRPORT	E	12	2.9	-	-	-	84	57	48	81	0	2	2	0	0	0	4	-	3.8	717	
ELY WB AIRPORT	-	-	10.5	43	SE	9	-	-	-	-	2	0	1	0	0	0	3	79	4.0	705	
LOS VEGAS WB AIRPORT	WSW	18	4.8	-	-	-	44	22	19	36	0	1	0	0	0	0	1	91	2.8	183	
RENO WB AIRPORT	SSW	9	3.0	47	S	9	84	56	37	78	1	1	1	1	0	0	4	79	4.0	819	
WINNEMUCCA WB AIRPORT	-	-	7.0	42	SW	9	74	48	37	63	0	2	2	0	0	0	4	76	4.5	638	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	39.6	81	4	1.08	1.3	3	1910	42.2	80	-8	0.46	0.5	2	1931	35.9	91	-15	0.98	8.2	5
1890	40.9	86	5	0.18	0.9	1	1911	36.7	76	-9	0.25	1.5	2	1932	44.4	91	4	0.14	0.4	1
1891	41.3	81	-2	0.09	T	1	1912	39.9	78	3	0.60	1.2	3	1933	41.8	86	-4	0.20	1.6	1
1892	38.7	76	-13	2.08	7.4	3	1913	40.3	83	-5	1.28	2.7	6	1934	44.2	93	-6	1.06	5.2	7
1893	38.2	74	-8	0.83	2.9	4	1914	41.6	88	-11	0.03	0.2	0	1935	36.0	80	-11	0.66	5.5	3
1894	43.7	83	-12	0.08	0.5	0	1915	40.1	88	-7	0.47	3.0	3	1936	40.2	83	-3	0.09	0.4	1
1895	35.9	80	-10	0.67	5.2	4	1916	35.5	82	-13	0.34	2.8	2	1937	43.9	87	10	0.84	1.9	4
1896	35.6	79	-23	1.10	2.6	4	1917	43.4	86	1	0.52	1.0	3	1938	35.5	80	-9	0.52	3.8	3
1897	40.3	77	-6	0.69	2.8	3	1918	37.7	87	-12	0.57	5.4	3	1939	43.0	85	1	0.30	1.0	2
1898	35.1	77	-10	1.10	4.1	4	1919	37.5	82	-22	0.46	4.4	3	1940	37.9	86	-11	0.52	2.1	4
1899	40.8	73	3	0.50	8.0	3	1920	39.4	79	4	0.81	3.3	5	1941	41.8	89	-11	0.72	2.1	4
1900	40.7	78	1	1.34	6.5	5	1921	44.0	86	-7	0.33	0.8	2	1942	42.0	85	-3	1.28	3.6	4
1901	43.1	80	12	0.53	0.2	2	1922	36.8	80	-8	0.67	4.5	4	1943	40.9	83	-4	0.50	1.7	2
1902	37.2	82	-3	1.25	8.0	5	1923	42.2	81	3	0.42	0.7	2	1944	36.0	98	-21	1.86	7.0	6
1903	41.8	89	4	0.67	0.2	2	1924	39.9	88	-15	0.50	2.4	2	1945	40.5	86	-9	0.65	4.2	5
1904	41.8	80	2	0.06	T	0	1925	38.9	80	0	0.56	2.9	4	1946	38.1	73	0	1.77	8.2	6
1905	36.4	88	-10	1.11	10.6	4	1926	45.7	86	-8	1.47	1.7	6	1947	35.8	84	-8	0.69	5.0	5
1906	35.5	83	-22	0.93	7.7	4	1927	45.3	86	-2	0.82	1.9	5	1948	37.3	81	-5	0.32	1.6	3
1907	40.2	78	-1	0.21	1.7	1	1928	40.0	80	-4	0.53	2.5	4	1949	47.0	90	5	0.52	1.1	2
1908	38.3	83	-13	0.15	0.8	1	1929	39.9	95	-10	0.02	0.1	0							
1909	40.1	86	-10	1.74	7.5	5	1930	38.7	89	-16	1.21	7.5	3	PER10D	39.9	98	-23	0.69	3.2	

SLEET AND HAIL WERE INCLUDED IN OBTAINING SNOWFALL AVERAGES, BEGINNING WITH JANUARY 1949.

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total 24 hr ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BOULDER CITY	EVAP	.22	.26	.22	.20	.25	.18	.24	.18	.19	.11	.09	.16	.10	.08	.14	.16	.14	.14	.17	.10	.12	.13	.16	.16	.13	.12	.12	.13	.12	.10	4.62	
	WIND	57	70	51	42	64	26	75	75	116	177	65	58	25	30	39	44	34	31	32	40	26	27	42	39	35	39	28	36	31	28	1482	
	MAX MIN	70 48	73 53	73 53	72 52	72 55	72 52	72 46	75 47	77 45	77 41	75 41	75 44	75 45	75 45	75 49	75 50	75 50	75 48	75 48	75 48	75 46	75 45	75 49	75 49	75 46	75 46	75 45	75 45	64.8	47.7		
LABONTAN	EVAP	.06	.09	.08	.08	.09	.07	.11	.07	.10	.09	.11	.06	.00	.03	.04	.06	.04	.07	.03	.04	.04	.06	.04	.06	.08	.10	.13	.10	.10	.06	2.09	
	WIND	16	41	67	31	65	31	35	47	157	267	133	70	134	7	7	62	41	62	53	52	44	66	60	64	80	94	91	126	93	64	2160	

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION.

CLIMATOLOGICAL DATA

NEVADA
NOVEMBER 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHWESTERN DIVISION																		
CARSON CITY	47.3	7.5	76	4	21	5+	0	22	1.57	-.31	1.53	10	.0	0		3	1	1
FALLON EXP STA	44.8	5.2	73	27+	19	22	0	27	.13	-.20	.09	10	.0	0		2	0	0
FERNLEY	46.7		77	25	21	20+	0	25	.35		.14	7	.0	0		3	0	0
GLENBROOK	41.9		64	1	21	11	0	16	2.34		1.09	10		7	10	4	3	1
IMLAY	41.4	2.2	76	2	5	17	0	29	.37	-.03	.36	8	.0	0		2	1	0
LAHONTAN	48.4	6.0	70	27	30	11+	0	4	.34	-.07	.22	10	.0	0		2	0	0
LOVELOCK	46.9	8.3	76	1+	22	19+	0	27	.18	-.12	.18	10	.0	0		1	0	0
LOVELOCK CAA AP	42.3		72	1	14	21	0	27	.09		.06	10	.0	0		3	0	0
MARLETTE LAKE	38.9	6.5	60	2	21	11	0	21	1.72	-.34	1.44	9	17.0	16	10	4	1	1
MINDEN	44.2	3.2	77	3	19	5+	0	29	1.02	-.03	1.02	10	T	0		1	1	1
NIXON	45.3	4.6	75	25	19	21	0	27	.11	-.51	.07	10	.0	0		2	0	0
QUINN RIVER CROSSING	44.6M	7.9	76	1+	14		0	23	.34	-.04	.18	10	.0	0		3	0	0
RENO WB AP	44.3	4.6	77	3	18	5	0	28	1.28	.64	.76	9	1.0	1	10	3	2	0
RYE PATCH OAM	45.1	7.7	76	2	18	18+	0	23	.25	-.41	.21	10	.0	0		2	0	0
SAND PASS	44.6	4.4	73	27	18	21	0	24	.43	-.13	.43	10	.0	0		1	1	0
5SHELDON	44.8	11.2	69	1	20	29	0	9	.73	-.35	.30	8	7.5	6	10	4	2	0
5SMITH	43.4	5.2	77	25	12	5	0	28	.00	-.58	.00	10	.0	0		0	0	0
U OF N EXP FARM	46.1		74	1+	23	22	0	24	1.29		.72	10	.4	T	10	3	2	0
WELLINGTON R5	47.6		75	25	24	5+	0	23	1.46		.75	9	.0	0		3	2	0
WINNEMUCCA WB AP	43.7	5.3	74	2	15	22	0	26	.46	-.22	.23	10	.1	T	10	4	0	0
YERINGTON	42.9	3.5	75	3	12	22	0	28	.47	.11	.24	10	.0	0		2	0	0
DIVISION	44.5	6.2							.71	-.03			1.3					
NORTHEASTERN DIVISION																		
AUSTIN	47.9	9.7	73	1	15	11	0	11	.58	-.21	.27	10	4.5	1	10	3	1	0
BATTLE MTN CAA AP	42.8		75	3	13	22	0	27	.45	-.09	.20	10	T	0		4	0	0
BEOVAWE	43.7	6.2	74	2+	14	5	0	28	.51	-.05	.26	7		0		4	1	0
CONTACT	44.3		75	3	17	22+	0	24	.40		.30	10	T	0		3	1	0
ELKO WB AP	41.2	5.1	72	3	14	22	0	28	.70	-.18	.39	9	.1	T	9	4	1	0
ELY WB AP	41.5	8.8	71	3	14	11	0	29	.42	-.24	.42	10	1.1	1	10	1	1	0
FISH CREEK RANCH	38.0		71	4	7	4	0	30	.30		.20	8	.0	0		2	0	0
JARBIOGE	43.8	10.3	70	4+	20	21+	0	18	.99	-.72	.62	10	2.5	2	10	2	2	0
KIMBERLY	43.9	8.9	67	3	15	11	0	19	1.05	.23	1.05	10	6.0	6	10	1	1	1
LAMOILLE PH	40.5	4.7	63	5	15	12	0	22	1.04	-.31	.76	10	5.0	1	10	2	2	0
MALA VISTA RANCH	39.7		70	1+	14	6	0	28	.54		.46	11	T	0		3	1	0
MC GILL	46.0	8.1	73	4	23	12	0	21	.26	-.40	.24	11	1.0	1	11	2	0	0
MONTELLLO	41.1	6.4	79	7	14	22	0	28	.27	-.11	.16	10	.0	0		2	0	0
OWYHEE	44.8	5.1	72	3+	17	29	0	21	.72	-.38	.40	10	4.5	2	10	3	1	0
RUBY LAKE	43.2M		72	2	18	22	0		.95		.57	9	2.0	2	9	3	1	0
WELLS	40.2	6.9	76	5	12	6	0	28	.87	-.01	.81	10	2.5	1	10+	2	1	0
WILKINS	42.4M		80	1	7	30	0	27	.68		.56	10	.5	T	10	2	1	0
DIVISION	42.6	6.5							.63	-.32			1.9					
SOUTHERN DIVISION																		
ADAVEN	48.2	9.2	82	1	15	11	0	15	1.02	-.38	1.02	10	1.5	1	10	1	1	1
ALAMO	51.7	4.2	83	1+	23	23+	0	25	.31	-.02	.31	10	T	0		1	1	0
BASALT	46.1		70	1	19	11	0	24	.53		.48	10	4.0	2	10	2	1	0
BEATTY	58.7	9.5	85	4	31	11+	0	2	.02	-.23	.02	10	.0	0		1	0	0
BOULDER CITY	61.8	6.8	80	2	41	11	0	0	.20	-.11	.17	10	.0	0		2	0	0
CALIENTE	47.0	5.2	77	3+	21	23	0	28	.44	-.04	.44	10	.0	0		1	1	0
COALDALE	51.2		76	5	24	30	0	13	.02		.02	7	.0	0		1	0	0
DESERT GAME RANGE	57.7		81	3+	34	30	0	0	T		T	10	.0	0		0	0	0
GEYSER	51.9		72	3	35	10	0	0	.44	-.28	.44	10	.0	0		1	1	0
HAWTHORNE BABBIT	48.9	5.4	74	6	28	13+	0	15	.10	-.28	.10	9	.0	0		1	0	0
INDIAN SPRINGS	53.4	7.0	85	1+	23	12	0	25	.22	-.00	.22	10	.0	0		1	0	0
LAS VEGAS	59.0	5.1	88	2+	31	11	0	2	.02	-.18	.02	10	.0	0		1	0	0
LAS VEGAS WB AP	58.9	7.6	83	4	34	12	0	0	.01	-.21	.01	10	.0	0		1	0	0
LATHROP WELLS	61.8		90	3	35	13	1	0	.00		.00	10	.0	0		0	0	0
MINA	48.0	5.4	76	3	22	21	0	23	.25	.08	.25	10	.0	0		1	1	0
MOUNT CHARLESTON LODGE	40.0		65	1	16	11	0	30	.55		.55	10	5.5	5	10+	1	1	0
OVERTON	58.2	4.8	89	3	30	23	0	2	.14	-.13	.14	11	T	0		1	0	0
PAHRUMP 2 N	56.9M		85	4	32	11+	0	3	.45		.37	10	.0	0		2	1	0
PIOCHE	48.7	9.1	74	4	20	11	0	8	1.01	.40	1.01	10	2.2	2	10	1	1	1
SARCOBATUS	51.9		80	1+	22	12	0	22	T		T	10+	.0	0		0	0	0
5CHURZ	46.4M	5.5	78	3	18	22	0	28	.44	.09	.37	9	.0	0		2	1	0
5EARLIGHT	62.1	7.9	81	5	40	11+	0	0	.32	.01	.32	10	.0	0		1	1	0
5MOKEY VALLEY	43.7		72	3	19	4+	0	26	.47		.39	10	T	0		2	1	0
THORNE	48.8M	5.1	*		25	12+	0		.10	-.11	.10	10	.0	0		1	0	0
TONOPAH	49.3	8.1	71	2+	25	11	0	5	.26	-.06	.26	10	1.0	1	10	1	1	0
DIVISION	52.4	8.3							.29	-.09			.6					
STATE	47.0	7.1							.52	-.12			1.1					

See reference notes following Station Index.

NEVADA
NOVEMBER 1949

Station

Table 4

Station

See reference notes following Station Index

Table 4--Continued

HOURLY PRECIPITATION

NEVADA
NOVEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-8th-																									
ARTHUR	.01	.01		.01		.02	.01	.01		.01							.01								.08
BATTLE MT CAA AP																									.01
ELKO WB AP			.01																						.01
JIGGS					.01																				.01
LOVELOCK CAA AP																	.01	*	*	*	*	*	*	*	*
NORTH FORK MNTC STA																		*	*	*	*	*	*	*	*
OWYHEE						.01						.01	.01	.01	.02	*				.02	*	*	*	*	.09
PARADISE VALLEY						.01											.03			.01					.06
WINNEMUCCA WB AP																	.01								.01
-9th-																									
ARTHUR																	*	*	*	*	*	*	*	*	*
AUSTIN																					.05	.07	*	*	*
BASALT																	.01					.03	.10	.03	.17
BATTLE MT CAA AP																			.01	.04	.03		.01		.09
CONTACT																	.04	.01		.01	.03	.11	.05	.01	.26
EASTGATE																					.01	.02	.01		.04
ELKO WB AP			.01																.02	.08	.14	.12	.01		.39
FERNLEY MNTC STA																.01	.09								.10
HAWTHORNE BABBIT																				.10					.10
JIGGS																						.06	.11	.03	.20
MANHATTAN PB																									.04
MINDEN											.02	.03	.01	.06	.10	.15	.08	.06		.01	.01	.04	.06	.04	.67
NORTH FORK MNTC STA	*	*	*	*	*	*	*	.10	.01		.01		.01	.02	.01	.05	.04	.03	.03	.03	.02	.03	.02	.01	.42
OWYHEE						.02									.03	.02	.03	.05	.09	.01				.04	.29
PALMETTO			.01	.03	.11	.01	.02	.01	.01	.02	.03			.01	.01	.02		.04						.01	.23
PARADISE VALLEY																								*	.09
PEQUOP																								*	.11
QUINN RIVER CROSSING				.01						.01	.01		.02						.01	.05					.02
RATTLESNAKE													.01	.13	.16	.06								.01	.76
RENO WB AP										.01	.02	.08	.13	.13	.16	.06	.24	.27	.22	.05	.01	.08	.04	.04	.85
WELLINGTON RS														.02	.01	.03	.24	.27	.22	.05					.30
WELLS																						.07	.14	.09	.18
WINNEMUCCA WB AP													.01	.03	.05	.01	.03	.03				.01	.01		.26
YERINGTON SCS Y 1																	.09	.04	.07	.04	.01				
-10th-																									
ALAMO							.04	.01	.05	.05	*	.88		.10	.04				.01	.01	.08	.05	.01	.01	.29
ARTHUR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05
AUSTIN	*	*	*	*	*	*	*	.28																	.40
BASALT	.02	.04	.03	.01		.03	.03	.28				.04													.20
BATTLE MT CAA AP	.02	.01			.01	.01	.02	.06	.02	.03															.18
BEATTY					.02	.03																			.05
CALIENTE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50							.50
CONTACT	.01	.01	.01		.01			.01	.02	*	.01	.01													.09
EASTGATE						.04	.09	.01																	.14
ELKO WB AP		.06	.06	.01	.04	.02																			.22
ELY WB AP		.02	.02	.01	.02	.01																			.42
FERNLEY MNTC STA		.03	.01	.03	.02	.01	.05	.08	.06	.02	.10	.11													.15
FISB CREEK RANCH	.01	.03	.03	.03	.01	.03																			.14
JIGGS	.05	.07	.05		.03	.01	.01		.04	.06		.01					.01	.02			.01	.03	.01		.40
LAS VEGAS WB AP																									.01
LOVELOCK CAA AP		.01	.07		.01	.01																			.10
MANHATTAN PB	.03	*	*	*	*	*	*	*	*	*	*	*	*	*	.38										.41
MINDEN	.08	.05	.01	.15	.06	.01																			.36
NORTH FORK MNTC STA									.01	.03	.04	.03	*.01	.02		.02	.05	.02							.23
OWYHEE	.01			.01	.04	.10	.04	.04	.03	.01	.07	.01				.16									.16
PARADISE VALLEY	.01		.01	.04	.03		*	*	*	*	*	.01				.02	.01	.02							.38
PEQUOP	*	*	*	*	*	*	*	*	*	*	*	.41	.01					.01					.01	.01	.13
QUINN RIVER CROSSING		.02	.01	.02	.04	.01	.05	.03	*																.45
RATTLESNAKE				.02	.13	.02	.13	.02		.08	.01														.18
RENO WB AP	.12	.08	.13	.11	.03																				.47
RYE PATCH DAM			.03	.03	.08	.04																			.18
SEARCHLIGHT							*	*	*	*	*	.33													.33
TONOPAH	.10	.01	.04		.01	.01	.08	.02		.02	.01														.30
WELLINGTON RS	.09	.13	.03	.01	.13	.08	.01	.02																	.50
WELLS	.05	.02	.04	.05	.05	.04	.05	.05	.05	.11	.03		.01					.05	.01	.02				.01	.64
WINNEMUCCA WB AP	.01	.02	.01	.02	.10	.06							.01												.23
YERINGTON SCS Y 1	.01	.02	.02		.04	.05	.01																		.15
-11th-																									
ARTHUR				.01			.01			.01		.01													.04
PEQUOP				.01				.02																	.03
-15th-																									
SCHELLBOURNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-23d-																									
CONTACT																.03	.03	*	*	*	*	.02			.06
NORTH FORK MNTC STA																									.02

See reference notes following Station Index.

DAILY TEMPERATURES

NEVADA
NOVEMBER 1949

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAVEN	MAX	82	80	80	70	79	67	69	66	54	52	46	56	62	63	64	62	85	65	86	81	60	68	84	66	88	87	83	88	80	83	65.1	
	MIN	36	32	35	35	33	33	30	24	31	28	15	23	30	31	32	32	33	34	33	33	31	31	33	35	33	33	34	30	29	31	31.2	
	MAX	83	80	81	83	83	79	72	69	67	57	58	67	73	77	77	78	80	79	78	73	78	70	76	77	75	73	73	71	73	71	74.5	
ALAMO	MAX	29	36	28	29	32	26	24	28	42	38	25	27	30	29	28	33	30	28	24	27	33	28	23	30	29	28	27	25	28	23	28.8	
	MIN	73	72	72	70	71	64	53	46	51	36	47	60	65	66	66	69	68	69	65	65	62	61	61	80	68	65	63	60	62	52	82.1	
	MAX	35	30	40	37	42	42	32	30	31	22	15	20	34	35	35	39	40	38	39	34	32	29	34	35	40	32	36	39	31	33	33.7	
BASALT	MAX	70	67	67	66	65	65	56	50	50	42	49	56	62	64	62	62	63	84	84	83	62	62	63	86	67	89	85	65	62	59	81.8	
	MIN	36	32	31	30	30	30	29	37	22	32	30	19	25	27	30	30	30	30	30	30	28	28	28	32	37	35	38	40	30	28	30.5	
	MAX	70	72	75	71	71	73	64	51	54	45	51	58	60	62	62	65	65	66	64	60	60	61	63	69	71	85	68	64	80	55	83.2	
BATTLE MT CAA AP	MAX	20	17	17	15	16	20	31	40	36	32	28	24	20	21	20	23	23	20	16	16	14	13	21	26	22	22	34	30	17	19	22.4	
	MIN	84	83	84	85	81	78	71	65	61	63	72	79	77	80	78	80	80	78	75	78	75	75	80	79	76	80	80	76	74	74	78.3	
	MAX	43	47	41	42	43	44	42	34	45	39	31	31	39	40	40	41	42	42	41	43	42	41	40	49	42	41	41	40	45	38	41.0	
BEOWAWE	MAX	71	74	74	72	72	70	62	50	54	48	51	59	60	61	64	64	68	67	65	63	61	60	56	68	70	67	67	64	60	55	68.5	
	MIN	21	24	18	16	14	23	28	23	38	28	27	26	23	24	24	24	26	24	20	18	18	18	21	31	22	23	31	46	20	25	24.1	
	MAX	78	80	79	79	77	75	78	68	63	54	59	63	70	71	72	75	74	73	73	72	72	71	68	74	72	73	69	74	70	69	71.5	
BOULDER CITY	MAX	55	62	57	56	61	52	54	47	52	49	41	46	50	52	50	52	55	54	52	51	55	51	49	50	55	52	49	50	50	50	52.0	
	MIN	75	74	77	77	77	75	70	65	56	49	52	80	66	64	71	68	73	75	74	69	68	70	59	72	73	72	73	72	70	68	74.0	
	MAX	23	26	25	23	25	24	23	28	38	33	26	23	24	23	24	25	27	25	23	23	28	23	21	27	26	26	25	24	23	23	25.3	
CARSON CITY	MAX	74	75	73	76	73	73	69	55	51	44	46	58	62	65	66	67	62	68	67	69	67	67	70	70	71	75	71	70	72	65	66.4	
	MIN	26	24	23	22	21	28	43	41	43	34	28	24	23	24	23	25	25	21	23	24	22	22	29	33	28	29	34	45	27	33	28.2	
	MAX	74	72	74	74	76	75	66	67	64	66	69	70	68	65	70	71	72	70	71	69	68	71	70	71	70	68	70	70	68	69	69.9	
COALDALE	MAX	34	34	32	28	33	35	40	41	35	34	35	34	33	32	35	34	33	34	35	33	28	26	31	32	30	29	31	30	28	24	32.4	
	MIN	66	74	75	72	69	71	56	51	49	42	45	52	61	64	61	67	67	69	67	63	65	63	57	63	67	63	63	61	58	50	61.7	
	MAX	21	23	27	22	23	24	27	37	39	33	21	25	26	27	23	29	28	28	24	18	19	17	29	36	30	28	37	38	17	29	26.8	
DESERT GAME RANGE	MAX	80	80	81	81	77	75	73	74	63	59	60	67	74	75	76	75	77	76	74	75	75	73	78	76	74	75	72	74	73	74	74.0	
	MIN	42	45	41	46	41	39	38	47	50	46	36	35	39	32	42	41	44	42	40	40	42	39	42	46	43	43	43	36	40	41.3		
	MAX	70	68	72	69	67	68	56	49	51	41	46	56	57	60	61	64	64	60	59	59	59	57	64	66	63	64	61	59	55	50	80.2	
ELKO WB AP	MIN	18	21	15	17	15	16	26	37	33	28	23	22	22	25	21	24	23	21	18	17	14	23	27	21	20	26	28	20	20	22	22.1	
	MAX	65	65	71	63	67	65	57	50	44	38	41	55	64	64	57	61	69	69	87	56	58	58	61	61	67	65	64	61	59	57	60.0	
	MIN	22	22	22	19	18	22	26	20	36	15	14	17	23	25	25	25	28	27	27	22	20	20	22	27	26	25	25	25	22	21	22.9	
FALLON EXP STA	MAX	68	69	69	72	68	68	69	55	57	55	53	57	60	61	63	63	61	64	63	62	62	60	61	68	68	68	73	73	70	62	64.1	
	MIN	26	24	24	24	23	28	44	29	33	33	21	22	21	22	21	21	23	22	21	22	21	19	25	29	27	24	31	31	25	30	25.0	
	MAX	75	76	73	73	73	71	66	63	52	51	58	62	51	58	62	63	64	66	65	67	65	64	65	74	69	67	68	65	61	58	61.0	
FERNLEY	MAX	27	26	26	25	24	28	43	31	39	32	24	24	23	24	32	32	25	22	22	21	21	21	26	31	28	23	34	36	28	33	27.4	
	MIN	67	68	70	71	68	70	66	55	49	45	41	48	56	62	65	65	67	67	67	65	61	63	62	62	66	69	67	65	61	62	62.5	
	MAX	12	11	8	7	9	9	14	16	20	31	8	12	13	14	12	15	17	14	14	11	10	8	13	22	14	13	17	19	11	10	13.5	
GEYSER	MAX	66	67	72	66	68	70	60	58	49	50	50	54	64	65	59	62	68	68	67	59	59	59	62	65	69	68	66	65	60	60	62.5	
	MIN	40	51	45	41	42	41	37	40	40	35	37	45	40	41	40	46	43	41	41	43	42	39	40	42	44	43	46	38	37	41.3		
	MAX	64	61	60	60	61	62	54	44	38	38	41	48	47	46	46	47	46	49	47	46	47	46	50	55	57	54	57	58	56	51.2		
GLENBROOK	MIN	35	38	38	36	37	36	38	32	31	28	21	30	33	32	31	32	30	33	32	31	30	32	33	33	35	32	34	32	34	31	32.6	
	MAX	69	71	70	71	70	66	60	50	48	46	53	70	68	69	66	67	68	69	69	63	62	63	62	65	67	71	70	69	66	64	60	64.4
	MIN	33	32	33	31	34																										-	
HAWTHORNE BARBIT	MAX	72	72	69	68	68	74	62	60	58	55	58	64	67	63	61	59	59	63	63	63	59	60	62	65	69	69	73	68	62	60	64.2	
	MIN	36	35	35	33	32	42	40	30	44	40	29	29	28	29	30	31	32	30	30	31	28	30	35	39	36	36	34	35	34	33.5		
	MAX	74	76	75	75	73	72	69	60	55	52	55	62	65	67	67	68	65	66	68	65	62	62	63	70	71	67	70					

DAILY TEMPERATURES

Table 5-Continued

NEVADA
NOVEMBER 1949

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHELDON	MAX	69	67	67	68	65	65	51	36	35	31	37	50	55	64	60	62	59	61	59	59	58	55	54	58	59	51	51	48	54	50		55.3
	MIN	34	38	44	40	32	39	34	30	28	22	26	31	36	38	34	43	39	35	36	34	33	29	39	39	39	34	42	35	20	26		34.3
SMITH	MAX	73	70	75	74	71	71	61	57	50	50	58	62	66	65	68	63	67	68	65	67	64	65	70	68	77	74	72	72	64	60		66.2
	MIN	18	19	16	15	12	22	35	23	35	31	22	18	16	16	17	17	14	16	16	15	14	20	25	22	21	25	32	20	26		20.5	
SMOKEY VALLEY	MAX	70	69	72	67	70	69	57	53	47	47	51	61	62	66	61	60	61	61	66	62	61	60	57	65	70	68	67	69	67		62.9	
	MIN	24	25	22	19	22	29	35	21	37	34	22	24	24	20	25	25	26	21	20	20	20	21	20	19	26	25	26	35	24	20		24.4
THORNE	MAX	74	73	74	74			77	65	64	58	56	58		66	60	64	68	65			63	62	66		71						66.6	
	MIN	34	32	38	34			32	29	30	38	26	25		30	26	27	28	29			30	25	31		34						30.9	
TONOPAH	MAX	68	71	71	71	70	66	54	54	48	43	49	56	63	62	66	66	67	69	65	62	62	58	57	64	68	66	64	62	62	58		62.1
	MIN	39	38	43	38	43	45	35	30	32	29	25	29	33	35	35	39	39	43	39	34	33	34	33	42	39	40	37	39	36	36		36.4
U OF N EXP FARM	MAX	74	74	73	72	72	69	55	55	47	45	55	60	69	60	58	59	65	60	61	63	63	60	69	68	72	69	68	68	65	61		63.6
	MIN	29	27	29	27	24	30	44	35	33	32	25	26	25	24	26	27	27	25	25	25	24	23	29	33	28	29	34	29	28	35		28.6
WELLINGTON RS	MAX	70	70	73	69	69	68	60	55	57	57	62	60	60	63	68	59	62	67	64	61	60	62	65	67	75	74	70	71	63	59		64.7
	MIN	30	28	30	26	24	30	45	26	28	32	26	38	31	28	30	25	25	26	26	24	25	24	32	34	32	36	38	51	31	34		30.5
WELLS	MAX	71	70	71	69	76	62	58	50	49	44	45	48	53	57	61	63	65	60	60	64	57	58	60	62	65	59	62	60	57	52		59.6
	MIN	13	13	17	14	13	12	20	37	35	32	19	15	16	21	20	23	24	22	19	15	18	13	20	30	24	24	23	26	20	22		20.7
WILKINS	MAX	80	70	68	72	61	66	65	56	48	51	58	48	50	68	71	73	70	72	75	78	75	70	64	65	60	64	60					65.1
	MIN	33	31	30	18	22	18	19	33	30	31	31	12	14	14	15	17	16	14	15	14	15	13	9	20	16	22	20	34	9	7		19.7
WINNEMUCCA WB AP	MAX	72	74	73	72	72	70	60	50	51	43	51	59	62	67	63	69	65	67	67	63	62	63	62	68	69	66	66	63	64	58		63.7
	MIN	16	25	20	19	19	18	33	41	34	30	28	26	19	23	22	24	20	18	17	16	15	15	24	31	22	22	43	27	18	23		23.6
YERINGTON	MAX	70	73	75	73	72	71	62	65	53	53	58	62	65	65	65	59	66	67	66	66	64	72	65	70	74	70	73	72	65	61		66.4
	MIN	20	17	18	15	13	22	35	17	33	30	17	17	15	15	13	16	18	14	15	14	15	12	20	22	22	18	27	27	20	25		19.4

TABLE 6 FOR THIS ISSUE WILL BE FOUND ON PAGE 117.

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAVEN	SNOWFALL										1.5																					
	SN ON GND										1	T																				
ALAMO	SNOWFALL										T																					
	SN ON GND																															
AUSTIN	SNOWFALL									2.0	2.5																					
	SN ON GND										1																					
BASALT	SNOWFALL										4.0																					
	SN ON GND										2		1	T	T																	
BATTLE MOUNTAIN CAA AP	SNOWFALL										T																					
	SN ON GND																															
CONTACT	SNOWFALL											T																				
	SN ON GND																															
ELKO WB AP	SNOWFALL									0.1	T																					
	SN ON GND																															
ELY WB AP	SNOWFALL										1.1																					
	SN ON GND										1																					
GLENBROOK	SNOWFALL							-	-	-	-																					
	SN ON GND							2	-	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDFIELD	SNOWFALL										1.0																					
	SN ON GND										-																					
JARBIDGE	SNOWFALL										2.5																					
	SN ON GND										2																					
KIMBERLY	SNOWFALL										6.0																					
	SN ON GND									T																						
LAMOILLE PH	SNOWFALL										6	3	T																			
	SNOWFALL										1.5	3.5																				
	SN ON GND										1	1																				
MALA VISTA RANCH	SNOWFALL										T																					
	SN ON GND																															
MARLETTE LAKE	SNOWFALL							0.5	0.5	14.0	2.0																					
	SN ON GND							T	14	16	15	14	13	13	13	13	12	12	12	11	11	10	10	9	9	8	8	7	-	-	-	
MC GILL	SNOWFALL										1.0																					
	SN ON GND										1																					
MINDEN	SNOWFALL										T																					
	SN ON GND																															
MOUNT CHARLESTON LODGE	SNOWFALL										5.5																					
	SN ON GND										5		4	2	1																	
OVERTON	SNOWFALL										T																					
	SN ON GND																															
OWYHEE	SNOWFALL										4.5																					
	SN ON GND										2																					
PIOCHE	SNOWFALL										2.2																					
	SN ON GND										2																					
RATTLESNAKE	SNOWFALL									T	T																					
	SN ON GND																															
RENO WB AP	SNOWFALL										1.0																					
	SN ON GND																															
RUBY LAKE	SNOWFALL										2.0																					
	SN ON GND										2																					
SHELDON	SNOWFALL							3.0	2.5	2.0																						
	SN ON GND							2	4	6		4	2																			
SMOKEY VALLEY	SNOWFALL										T																					
	SN ON GND																															
SULPHUR	SNOWFALL										T																					
	SN ON GND																															
TONOPAH	SNOWFALL										1.0																					
	SN ON GND										1																					
U OF N EXP FARM	SNOWFALL										0.4																					
	SN ON GND										T																					
WELLS	SNOWFALL										1.5	1.0																				
	SN ON GND										1	1																				
WILKINS	SNOWFALL										0.5																					
	SN ON GND										T																					
WINNEMUCCA WB AP	SNOWFALL										0.1																					
	SN ON GND																															

STATION INDEX

NEVADA
NOVEMBER 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elev (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp	Precip	Temp	Precip	Evap		
ADAVEN	0040	NYE	CENTRAL	38 07	115 35	6250	P	4P	4P	35	35		RALPH HUBER	2 3 5 7
ALAMO	0099	LINCOLN	COLORADO	37 22	115 09	3446	M	SS	SS	24	24		G L DAVIS	2 3 4 5 7
ALAMO MAINTENANCE STATION	0109	LINCOLN	COLORADO	37 22	115 09	4100	M		MID		9		STATE HIGHWAY DEPARTMENT	CLOSED 7/28
ARTHUR	0438	ELKO	EASTERN	40 48	115 11	6500	P		5P		38		MRS MADELYN O'DONNELL	3 4
AUSTIN	0507	LANDER	HUMBOLDT	39 30	117 05	6543	P	11P	11P	55	60		US WB AIRWAY OBSERVER	2 3 4 5 7
BASALT	0668	MINERAL	CENTRAL	38 00	118 16	6350	P	5P	5P	7	7		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
BATTLE MOUNTAIN CAA AP	0691	LANDER	HUMBOLDT	40 37	116 52	4528	P	MID	MID	5	79		US CIVIL AERO ADM	2 3 4 5 7
BEATTY	0714	NYE	CENTRAL	36 54	116 45	3314	P	MID	MID	31	32		US WB AIRWAY OBSERVER	2 3 4 5 7
BEOAWES	0795	EUREKA	HUMBOLDT	40 36	116 29	4695	P	SS	SS	69	77		SOUTHERN PACIFIC COMPANY	2 3 5 7
BOULDER CITY	1071	CLARK	COLORADO	35 59	114 51	2525	P	4P	4P	17	17	14	US BUR RECLAMATION	2 3 5 6 7
BUCKSKIN MOUNTAIN	1308	HUMBOLDT	HUMBOLDT	41 47	117 33	7800	P		VAR		2		U S FOREST SERVICE	2 3 4 5 7 S
CALIENTE	1358	LINCOLN	COLORADO	37 37	114 31	4402	M	5P	5P	25	27		US SOIL CON SERVICE	2 3 4 5 7
CARSON CITY	1485	ORMSBY	CARSON	39 10	119 46	4675	P	9A	9A	53	56		STATE HIGHWAY DEPARTMENT	2 3 5 7
COALDALE	1755	ESMERALDA	CENTRAL	38 03	117 54	4646	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5 7
COLD CREEK RANCH	1790	CLARK	COLORADO	36 25	115 44	6200	P		VAR		3		U S GEOLOGICAL SURVEY	2 3 4 5 7 S
CONTACT	1905	ELKO	COLUMBIA	41 47	114 45	5365	P	5P	5P	0	5		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
COTTONWOOD RANCH	2020	LANDER	HUMBOLDT	40 26	117 21	5400	P		MID		2		W T JENKINS COMPANY	CLOSED 8/16
CURRENT	2078	NYE	CENTRAL	38 45	115 28	5183	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5 7
DESERT GAME RANGE	2243	CLARK	COLORADO	36 26	115 21	3025	P	5P	5P	9	9		FISH & WILD LIFE SERVICE	2 3 5 7
DVER	2431	ESMERALDA	CENTRAL	37 43	118 05	4950	P		6P		1		D O NORRIS	3
EASTGATE	2477	CHURCHILL	CENTRAL	39 19	117 53	4000	P		MID		5		STATE HIGHWAY DEPARTMENT	3 4
ELKO WB AIRPORT	2573	ELKO	HUMBOLDT	40 50	115 47	5075	P	MID	MID	53	79		U S WEATHER BUREAU	2 3 4 5 7
ELY WB AIRPORT	2631	WRITE PINE	EASTERN	39 17	114 51	6257	P	MID	MID	10	10		U S WEATHER BUREAU	2 3 4 5 7
FALLON EXPERIMENT STATION	2780	CHURCHILL	CARSON	39 27	118 47	3965	P	8A	8A	45	53		U S EXPERIMENT STATION	2 3 5 7
FERNLEY MAINTENANCE STATION	2849	LYON	TRUCKEE	39 37	119 17	4160	P		7A		5		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
FISH CREEK RANCH	2860	EUREKA	CENTRAL	39 16	116 00	6050	P	7A	7A	5	6		BARTHOLOMAE CORPORATION	2 3 4 5 7
GERLACH	3090	WASHOE	NORTHWESTERN	40 35	119 24	3980	P	8A	8A	36	37		U S GYPSUM COMPANY	2 3 5 7
GEYSER	3101	LINCOLN	EASTERN	38 38	114 38	5984	P	6P	6P	7	20		STATE HIGHWAY DEPARTMENT	2 3 5 7
GLENBROOK	3205	DOUGLAS	TRUCKEE	39 05	119 56	6400	P	6P	6P	9	9		ERNEST LEE	2 3 5 7
GOLCONDA	3245	HUMBOLDT	HUMBOLDT	40 58	117 30	4392	P	8A	8A	56	70		SOUTHERN PACIFIC COMPANY	2 3 5 7
GOLDFIELD	3285	ESMERALDA	CENTRAL	37 43	117 13	5700	P	6P	6P	43	43		CALIFORNIA ELEC POWER CO	2 3 5 7
HARRISON PASS	3498	ELKO	HUMBOLDT	40 20	115 31	7300	P		VAR		2		U S FOREST SERVICE	2 3 4 5 7 S
HARTHORNE BAHBIT	3515	MINERAL	WALKER	38 32	118 39	4180	P	11P	11P	29	33		US WB AIRWAY DBSERVER	2 3 4 5 7 S
HIDDEN FOREST CAMP	3653	CLARK	COLORADO	36 43	115 13	8100	P		VAR		7		U S GEOLOGICAL SURVEY	2 3 5 7
IMLAY	3957	PERSHING	HUMBOLDT	40 40	118 10	4209	P	4P	4P	34	78		SOUTHERN PACIFIC COMPANY	2 3 5 7
INDIAN SPRINGS	3980	CLARK	COLORADO	36 34	115 40	3136	P	6P	6P	10	10		TIM HARNEDY	2 3 5 7
JACKS CREEK PASS	4026	ELKD	HUMBOLDT	41 34	116 00	7725	P		VAR		2		U S FOREST SERVICE	2 3 5 7 S
JARBIDGE	4038	ELKO	COLUMBIA	41 52	115 26	6100	P	5P	5P	10	10		A URDAHL	2 3 5 7
JIGGS	4086	ELKO	HUMBOLDT	40 25	115 40	5200	P		6P		4		MRS GERTRUDE L PETERS	3 4
KIMBERLY	4199	WHITE PINE	EASTERN	39 16	115 02	7230	P	4P	4P	21	21		KON COPPERMINES CORP	2 3 5 7
LAMONTAN	4349	CHURCHILL	CARSON	39 28	119 04	4200	P	8A	8A	38	42	23	TRUCKEE-CARSON IRRIG SVC	2 3 5 6 7
LAMOILLE POWER RDUSE	4395	ELKO	COLORADO	40 41	115 18	6290	P	4P	4P	33	45	27	ELKO-LAMOILLE POWER CO	2 3 5 6 7
LAS VEGAS	4429	CLARK	COLORADO	36 10	115 09	2006	P	6P	6P	39	45		C P SQUIRES	2 3 5 7
LAS VEGAS WB AIRPORT	4436	CLARK	COLORADO	36 04	115 10	2162	P	MID	MID	12	12		U S WEATHER BUREAU	2 3 4 5 7
LATHROP WELLS	4457	NYE	CENTRAL	36 38	116 24	2659	P	6P	6P	7	7		STATE HIGHWAY DEPARTMENT	2 3 5 7
LEE	4491	ELKD	HUMBOLDT	40 34	115 37	6000	P		9A		2		CECIL G YATES	3
LEE CANYON SUMMIT	4502	CLARK	COLORADO	36 18	115 41	9000	P		VAR		5		U S GEOLOGICAL SURVEY	2 3 5 7 S
LEHMAN CAVES NATIDNAL MONUMENT	4514	WRITE PINE	EASTERN	38 59	114 13	6825	P	6P	6P	11	11		U S NAT PARK SERVICE	2 3 5 7
LOVELOCK	4698	PERSHING	HUMBOLDT	40 12	118 28	3977	P	9A	9A	37	57		PAUL K GARDNER	2 3 5 7
LOVELOCK CAA AP	4700	PERSHING	HUMBOLDT	40 04	118 34	3900	P	MID	MID	1	1		US CIVIL AERO ADM	2 3 4 5 7
MALA VISTA RANCR	4824	ELKD	HUMBOLDT	41 17	115 15	5585	P	6P	6P	9	9		ARTHUR F HYDE	2 3 5 7
MANHATTAN POWER HOUSE	4835	NYE	CENTRAL	38 32	117 05	6950	P		MID		4		CALIFORNIA ELEC POWER CO	3 4
MARLETTE LAKE	4858	WASHOE	TRUCKEE	39 11	119 55	8000	P	6P	6P	22	22		JACK FERGUSON	2 3 5 7
MATTHEWS RANCR	4888	LINCOLN	COLORADO	37 30	114 13		P		MID		0		ROSS W MATTHEWS	CLOSED 7/14
MC DERMITT INDIAN RESERVATION	4939	HUMBOLDT	NORTHWESTERN	41 58	117 38	5100	P		MID		4		U S INDIAN SERVICE	3 4
MC GILL	4950	WRITE PINE	EASTERN	39 24	114 46	6340	P	7A	7A	37	60		KENNECOTT COPPER CORP	2 3 5 7
MINA	5168	MINERAL	WALKER	38 23	118 06	4350	P	10A	10A	54	54		SOUTHERN PACIFIC COMPANY	2 3 5 7
MINDEN	5191	DOUGLAS	CARSON	38 57	119 46	4700	P	7A	7A	49	57		DICK COLES	2 3 4 5 7
MDNTELLO	5352	ELKO	EASTERN	41 17	114 11	4877	P	8A	6P	27	71		SOUTHERN PACIFIC COMPANY	2 3 5 7
MOUNT CHARLESTON LODGE	5400	CLARK	COLORADO	36 16	115 39	7500	P	6P	6P	0	0		PAUL CHUMROW	2 3 5 7
NIXON	5605	WASHOE	TRUCKEE	39 48	119 20	3910	P	5P	5P	21	21		ALBERT MAUWEE	2 3 5 7
NORTH FDRK MAINTENANCE STATION	5691	ELKO	HUMBOLDT	41 29	115 49	4500	P		8A		39		STATE HIGHWAY DEPARTMENT	3 4
OROVADA	5818	HUMBOLDT	NORTHWEST	41 34	117 47	4300	P	5P	5P	25	37		PETER CHRISTENSEN	2 3 5 7
OVERTON	5846	CLARK	COLORADO	36 33	114 27	1275	P	8A	8A	10	10		US NAT PARK SERVICE	2 3 4 5 7
OWYTHEE	5869	ELKO	COLUMBIA	41 57	116 06	5396	P	MID	MID	27	27		US WB AIRWAY OBSERVER	2 3 4 5 7
PARRUMP 2 N	5890	NYE	CENTRAL	36 14	115 59	2683	P		5P		0		PARRUMP VALLEY FARMS INC	2 3 5 7
PARRUMP RANCR	5897	NYE	CENTRAL	36 11	116 00	2669	P		VAR		5		U S GEOLOGICAL SURVEY	2 3 5 7 S
PALMETTO	5931	ESMERALDA	CENTRAL	37 27	117 45	6900	P		MID		4		JOHN DEAN	3 4
PARADISE VALLEY	6000	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P		MID		5		L T TURNER	3 4
PARADISE VALLEY RANGER STATION	6005	HUMBOLDT	HUMBOLDT	41 30	117 32	4650	P		5P		45		U S FOREST SERVICE	3
PEQUOP	6148	ELKD	EASTERN	41 04	114 32	6000	P		MID		5		STATE HIGHWAY DEPARTMENT	3 4
PIOCHE	6252	LINCOLN	COLORADO	37 56	114 28	6110	M	7P	7P	20	27		NORMAN N SORESEN	2 3 5 7
PRIMEAUX	6349	EUREKA	HUMBOLDT	40 40	116 19	6000	P		6P		4		ROY L PRIMEAUX	3
QUINN RIVER CROSSING	6504	HUMBOLDT	NORTHWEST	41 34	118 27	4087	P	6P	6P	25	25		GENERAL LIVESTOCK CO	2 3 4 5 7
RATTLESHAKE	6630	NYE	CENTRAL	38 28	116 03	5913	P		6P		7		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
RED ROCK SUMMIT	6733	CLARK	COLORADO	36 08	115 31	6500	P		VAR		4		U S GEOLOGICAL SURVEY	2 3 5 7 S
RENO WB AIRPORT	6779	WASHOE	TRUCKEE	39 30	119 47	4397	P	MID	MID	61	61		U S WEATHER BUREAU	2 3 4 5 7
ROBERTS RANCR	6905	CLARK	CENTRAL	36 10	115 35	6100	P		VAR		5		U S GEOLOGICAL SURVEY	2 3 4 5 7 S
RUBY LAKE	7123	ELKO	EASTERN	40 12	115 30	6012	P	5P	5P	9	9		4 FISR & WILD LIFE SERVICE	2 3 5 6 7
RYE PATCH DAM	7192	PERSHING	HUMBOLDT	40 28	118 18	4161	P	5P	5P	14	14		9 US BUR RECLAMATION	2 3 4 5 6 7
SAND PASS	7261	WASHOE	NDRTHWEST	40 19	119 48	3900	P	6P	6P	34	34		RDSS F BONHAM	2 3 5 7
SAN JACINTO	7284	ELKO	COLUMBIA	41 53	114 41	5200	P	5P	5P	45	45		U C LAND & CATTLE CO	CLOSED 6/1
SARCOBATUS	7319	NYE	CENTRAL	37 17	115 00	4020	P	6P	6P	6	6		STATE HIGHWAY DEPARTMENT	2 3 5 7
SCHELLBOURNE	7330	WHITE PINE	EASTERN	39 48	114 44		P		MID		3		STATE HIGHWAY DEPARTMENT	3 4
SCHURZ	7358	MINERAL	WALKER	38 57	118 49	4124	P	5P	5P	29	29		WILLIE WILSON	2 3 5 7
SEARCHLIGHT	7369	CLARK	CENTRAL	35 28	114 55	3540	P	4P	4P	33	33		STATE HIGHWAY DEPARTMENT	2 3 4 5 7
SEVENTY ONE RANCR	7397	ELKO	HUMBOLDT	40 53	115 19	5550	P	7P	7P	8	8		MRS WM 8 WRIGHT	2 3 5 7
SHELDON	7443	WASHOE	NDRTHWEST	41 51	119 38	6800	P	5P	5P	15	15		SHELDON GAME REFUGE	2 3 5 7
SMITH	7609	LYON	WALKER	38 49	119 24	4800	P	5P	5P	11	11		FRANK H MANN	2 3 5 7
SULPHUR	7873	HUMBOLDT	NORTHWEST	40 54	118 40	4044	P	4P	4P	34	34		WESTERN PACIFIC COMPANY	2 3 5 7
SUNNYSIDE	7908	NYE	CENTRAL	38 26	115 11	6100	P		MID		7		CLAIR WHIPPLE	2 3 5 7
THORNE	8034	MINERAL	WALKER	38 36	118 36	4200	P	3P	3P	32	37		SOUTHERN PACIFIC COMPANY	2 3 5 7
TONOPAH	8160	NYE	CENTRAL	38 04	117 14	6101	P	11P	11P	42	42		US WB AIRWAY DBSERVER	2 3 4 5 7
TUSCARORA WILLIAMS RANCR	8349	ELKO	COLUMBIA	41 21	116 44	6400	P		6P		39		MRS IRNE WILLIAMS	3
UNIV OF NEVADA EXPERIMENT FARM	8500	WASHOE	TRUCKEE	39 31	119 47	4512	P	SS	SS	0	0		WALTER NEILSON	2 3 5 7
WADSWORTH	8834	WASHOE	TRUCKEE	39 38	119 17</									

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F., precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygrometric values before and after January 1, 1949, cannot be accurately combined without necessary conversion.

- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

+ And also on later date or dates.

* Amount included in following measurement, time distribution unknown.

6 Precipitation measured at 6-hourly intervals, no recording gage.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing: see Table 5 for detailed daily record.

R Station equipped with recording gage only.

S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in June issue of this publication.

SS This entry in time of observation column in Station Index means sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

VAR This entry in time of observation column in Station Index means variable.

Z Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 537 Federal Office Building, San Francisco 2, California.

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEVADA

THE DEPARTMENT OF COMMERCE
DEC 14 1949
DIVISION OF CLIMATE

DECEMBER 1949

Volume LXIV No. 12



J. C. Eberhardt, Section Director - Salt Lake City

WEATHER SUMMARY

December precipitation over Nevada was just 50% of normal and irrigation water prospects for next season hinge sharply on an abundance of moisture during the next three months. Temperatures averaged considerably higher than last December but were well below normal figures in all drainage basins.

The State average precipitation of 0.47 inch was the smallest December amount since 1944. A few scattered stations in Elko, White Pine and Lincoln Counties received greater than normal precipitation but averages tapered off sharply to the westward, with very few far-western stations receiving more than 15% of normal December moisture. Greatest monthly amount was 2.45 inches at Mt. Charleston Lodge, with 1.35 inches being received in 24 hours on the 18th. The least monthly amount was none at Lathrop Wells and only Traces at Lahontan, Mina and Thorne.

Stream flow continued below normal. Storage in Rye Patch Reservoir was 33,240 acre feet at the close of the month or 18,370 acre feet less than a year ago. Storage in the Truckee River basin is the lowest since 1934. Assuming near-normal precipitation for the remainder of the season over the Humboldt River Basin, prospects are for 15% to 30% below normal stream flow for the upper Humboldt Basin and near 60% of normal flow for Martin Creek. Water supplies over the Truckee-Carson-Walker Basins should be 60% to 90% of normal if seasonal precipitation reaches near-normal proportions.

No precipitation occurred until the 9th and 10th when a storm attended by strong winds moved over the State from the northwest, depositing a light snowcover in all areas except the extreme south. The cold air mass accompanying the storm lowered temperatures to below zero readings in many sections. Intermittent snow

was again general over northern and eastern sections from the 16th to 20th, bringing welcome snowfall to range lands and pastures. Additional snowfall was reported over the northeastern quarter of the State during the Christmas holiday season. Monthly totals greater than 10.0 inches were recorded at most higher elevation stations in Elko and White Pine Counties and in the Lake Tahoe region, bringing the State average to near-normal figures. The greatest monthly amount was 23.5 inches at Kimberly. High winds accompanying the early storm caused some snow drifting and road blockage.

Temperature departures varied considerably in all divisions, but areas of greatest minus departures were in Lincoln and Clark Counties. The mean temperature for the State as a whole was 31.4° or minus 1.3°, with Fish Creek Ranch registering the lowest mean temperature of 22.7° and Lathrop Wells the highest mean temperature of 46.5°. The highest daily maximum reading was 79° at Lathrop Wells on the 1st and at Overton on the 2nd. Mala Vista Ranch reported a minimum of -20° on the 20th, and readings below zero were recorded at valley stations as far south as Caliente. Highest readings of the month were usually recorded on the 1st or 2nd and lowest readings on the 11-12th or 20th.

High winds early in the month continued to dry out range lands but the additional snow softened browse and provided ample water for range livestock which showed improvement during the month. Less feeder stock was being handled than last year and there was no shortage of feed or unusually deep snow to combat on the winter grazing lands. The supply of hay and feed concentrates was ample for any emergency.

SDG

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per

year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

NEVADA
DECEMBER 1949

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of days when prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	4:30A PST	10:30A PST	4:30P PST	10:30P PST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
ELKO WB AIRPORT	W	8	4.4	-	-	-	80	69	65	80	5	4	2	0	0	0	11	-	7.5	1307
ELY WB AIRPORT	-	-	11.2	37	SE	5	-	-	-	-	3	5	2	0	0	0	10	50	8.7	1291
LAS VEGAS WB AIRPORT	W	16	5.8	-	-	-	56	32	30	48	5	1	1	0	0	0	7	78	4.8	872
RENO WB AIRPORT	W	7	4.3	44+	SW	4	79	59	49	74	2	2	1	0	0	0	5	65	6.1	1037
WINNEMUCCA WB AIRPORT	-	-	7.9	36	NW	18	70	57	53	66	3	5	1	0	0	0	9	54	7.4	1142

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days 0.1 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 0.1 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 0.1 or more
1889	34.4	70	-20	4.09	23.0	13	1910	33.1	91	-8	1.15	4.3	5	1931	27.9	66	-28	1.85	12.4	7
1890	35.1	73	0	1.00	1.0	5	1911	26.4	69	-31	0.46	6.0	3	1932	25.8	79	-41	0.72	7.2	5
1891	26.3	66	-33	2.75	22.3	8	1912	29.8	68	-16	0.23	2.0	2	1933	38.0	75	-9	1.06	3.4	5
1892	30.4	63	-23	1.23	4.0	5	1913	28.7	69	-22	1.53	8.1	5	1934	34.1	75	-9	0.92	4.4	5
1893	34.3	72	-15	0.69	5.2	4	1914	24.5	69	-27	0.54	5.6	4	1935	32.9	70	-11	0.87	6.1	5
1894	27.6	64	-32	2.50	19.7	9	1915	32.7	81	-28	0.93	5.9	4	1936	32.4	70	-10	1.79	14.3	7
1895	28.0	78	-34	0.42	5.9	4	1916	27.6	70	-30	0.87	10.3	5	1937	35.9	74	-12	1.48	3.5	5
1896	34.6	73	-10	0.40	2.3	2	1917	39.8	79	-1	0.14	0.8	1	1938	35.2	78	-6	0.42	2.2	3
1897	29.1	69	-14	1.06	4.9	4	1918	27.0	74	-21	0.69	4.3	3	1939	39.0	80	-15	0.42	1.5	4
1898	25.3	70	-15	0.48	2.8	3	1919	29.6	73	-26	1.26	11.1	4	1940	35.2	80	-14	1.70	6.4	7
1899	28.4	68	-25	1.15	8.1	4	1920	32.4	66	-12	1.00	10.7	6	1941	35.3	74	-13	1.59	13.6	8
1900	35.1	71	-12	0.19	0.9	1	1921	35.2	75	-11	1.80	9.9	6	1942	36.9	82	-9	0.92	2.5	4
1901	32.5	78	-19	0.69	2.2	3	1922	34.5	79	-12	1.30	9.1	7	1943	33.6	70	-16	0.86	4.8	4
1902	33.7	78	-2	0.35	0.9	2	1923	30.0	73	-18	0.68	7.7	4	1944	30.8	70	-30	0.45	3.6	3
1903	30.4	71	-9	0.14	1.2	1	1924	26.1	79	-45	1.16	11.2	6	1945	32.6	71	-15	1.03	5.0	6
1904	33.3	76	-23	0.51	3.1	2	1925	34.5	72	-2	0.53	2.4	3	1946	36.4	72	-12	0.80	2.7	5
1905	22.5	68	-21	0.60	6.4	3	1926	30.6	75	-24	0.66	6.7	6	1947	31.7	71	-14	0.79	5.5	4
1906	33.5	74	-21	1.91	12.7	6	1927	29.0	79	-23	0.67	8.0	3	1948	27.9	74	-28	1.01	11.4	6
1907	35.6	78	-11	1.47	6.2	5	1928	28.7	78	-21	0.54	5.1	4	1949	31.4	79	-20	0.47	6.2	4
1908	27.6	67	-20	0.19	1.6	1	1929	39.7	78	-6	0.74	1.1	3							
1909	23.3	70	-25	1.54	7.4	6	1930	28.0	71	-21	0.07	0.9	1	PERIOD	31.5			0.97	6.4	

EVAPORATION AND WIND

Table 6

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
BOULDER CITY	EVAP	.24	.14	.13	.12	.10	.12	.12	.12	.04	.08	.17	.06	.07	.08	.05	.05	.09	.06	.06	.10	.12	.04	.08	.06	.11	.06	.08	.07	.10	.07	.08	2.97
	WIND	133	40	32	39	33	46	45	55	57	260	184	57	56	78	48	31	78	150	227	253	106	38	46	54	155	39	28	30	35	27	33	2493
	MAX	61	58	57	57	57	56	52	49	56	46	35	34	34	37	37		47	45	49	37	38	41	46	50	45	44	48	53	53	54	55	47.7
	MIN	46	41	39	39	38	39	39	41	45	32	32	31	31	31	31	32	33	34	40	35	32	32	32	33	31	31	33	32	32	34	36	38
LAHONTAN	EVAP	.36	.34	.60	*	.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	46	70	38	59	139	37	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION.

NEVADA
DECEMBER 1949

Table 2-Continued

Station	Temperature							Precipitation										
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHWESTERN DIVISION																		
CARSON CITY	33.6	- 0.5	65	5	- 4	11	0	29	.76	- .98	.32	19	7.5	4	19	3	2	0
FALLON EXP STA	31.3	- 0.4	63	3	0	20	0	31	.06	- .56	.06	19	1.0	1	19	1	0	0
FERRELL	32.5		64	2	2	11+	0	31	.05		.05	9	1.5	1	19	1	0	0
GLENBROOK	33.4		55	2	4	21	0	31	.80		.55	18	17.0		9+	3	0	0
GOLCONDA	26.9	- 2.8	59	2	- 16	20	0	31	.10	- .65			2.0			2	0	0
LAHONAN	33.5	- 0.3	60	2+	9	20	0	29	T	- .55	T	10+	T	T	10+	0	0	0
LOVELOCK	32.3	1.5	64	1	1	20	0	31	.22	- .21	.10	16+	.5	T	19	3	0	0
LOVELOCK CAA AP	27.6		56	1+	- 5	20	0	31	.01		.01	19	T	T	19+	1	0	0
MARLETTE LAKE	23.7	- 2.6	46	1	- 2	19	0	31	1.47	- 3.36	.51	19	16.0	24	19+	6	2	0
NIXON	32.9	- 1.5	68	2	0	11	0	31	.08	- .64	.06	19	3.5			2	0	0
OROVADA	29.7M	0.6						31	.51	- .43	.28	19				3	1	0
QUINN RIVER CROSSING	27.6M	0.7	57	1	- 2	12	0	31	.15	- .51	.05	16+	.5			3	0	0
RENO WB AP	31.6	- 0.3	64	4	- 5	11	0	31	.17	- .81	.10	9	3.3	2	9	3	0	0
RYE PATCH DAM	30.0	- 1.7	60	1	- 8	20	0	31	.14	- .49	.06	19	1.8			4	0	0
SAND PASS	30.0	- 2.5	60	2	- 5	20	0	30	.34	- .68	.34	19	6.5			1	1	0
SHELDON	26.1	- 2.9	52	1	- 7	11+	0	31	.61	- .35	.15	9	10.0	6	19+	7	0	0
SMITH	31.1	- 2.4	67	2	- 6	11	0	30	.13	- .86	.08	19	4.0	2	10+	2	0	0
U OF N EXP FARM	34.3		65	4	1	11	0	30	.26		.17	9	3.5			3	0	0
WELLINGTON R5	31.3M		64	4	- 3	11	0	25	.34		.22	10	2.0	2	10	3	0	0
WINNEMUCCA W8 AP	28.2	- 1.8	59	1	- 16	20	0	31	.31	- .77	.10	18	3.8	2	19	6	0	0
YERINGTON	28.9	- 3.1	66	2	- 10	11	0	31	.19	- .33	.19	10	2.5	2	10+	1	0	0
DIVISION	30.3	- 0.7							.32	- .72			4.7					
NORTHWESTERN DIVISION																		
AUSTIN	29.0	- 2.0	62	4	- 2	12	0	31	.95	- .18	.26	18	13.1	7	19+	7	1	0
BATTLE MTN CAA AP	25.6		58	2	- 10	20	0	31	.53	- .24	.34	19	8.5	5	19+	4	1	0
BEOWAVE	26.9	- 2.4	58	2	- 3	12	0	31	.43	- .39	.20	16	4.3	2	16+	5	0	0
CONTACT	27.2		58	1	- 2	25+	0	31	.26		.12	22	2.2	2	22	3	0	0
ELKO WB AP	22.9	- 2.9	55	2	- 9	25	0	31	.53	- .49	.29	17	9.2	6	19	6	1	0
ELY W8 AP	23.4	- 1.1	58	1	- 13	12	0	31	.43	- .45	.22	19	10.1	6	19+	7	0	0
FISH CREEK RANCH	22.7		59	1	- 16	12	0	31	.20		.10	19		2	17+	3	0	0
JARBIDGE	25.6	- 3.2	54	1	0	14	0	30	1.76	- .10			18.5			8	0	0
KIMBERLY	25.7	- 2.9	54	1+	- 5	11	0	30	1.78	- .64	.71	19	23.5	19	19+	6	3	0
LAMOILLE P8	26.2	- 2.0	52	2	- 5	20	0	31	1.09	- .33			19.0	13	18	5	0	0
MALA VISTA RANCH	22.8		54	2	- 20	20	0	31	.28		.15	16	10.5	10	24	3	0	0
MC GILL	28.6	- 0.3	57	2+	- 6	12	0	30	.39	- .44	.15	20	8.0	5	20	6	0	0
MONTELO	23.7	- 2.0	53	1+	- 9	20	0	31	.68	- .16	.51	18	7.0	7	19+	3	1	0
OWYHEE	28.4	- 1.9	57	1	- 12	20	0	29	1.13	- .12	.34	19	13.9	10	20	11	1	0
RUBY LAKE	28.1M		56	1+	- 17	20	0	31	.79		.23	24	18.0			6	0	0
WELLS	25.3	1.0	54	2	- 12	20	0	31	.85	- .30	.25	19	18.7	11	19	6	1	0
DIVISION	25.8	- 2.3							.76	- .46			12.3					
SOUTHERN DIVISION																		
ADAVEN	28.2M	- 3.3	57	2	- 4	12	0	30	1.04	- .18	.35	18	9.0	5	19+	4	3	0
ALAMO	35.6	- 4.2	70	3	4	11	0	28	.34	- .29	.12	18+	1.5	T	10+	3	0	0
BASALT	29.7		59	5	0	12+	0	31	.05		.03	19	7.0	5	11	2	0	0
SEATTY	40.6	- 1.0	72	1	10	12	0	26	.06	- .50	.04	19	.0	0		3	0	0
BOULDER CITY	45.8	- 1.7	71	1	25	11	0	9	.26	- .46	.18	19	T	0		4	0	0
CALIENTE	29.2M	- 5.1	65	1+	- 7	12	0	29	.73	- .06	.42	10	3.5	3	10	4	1	0
COALDALE	37.3		68	1	5	11	0	31	T		T	10	T	T	10	0	0	0
DESERT GAME RANGE	41.8		70	1+	9	12	0	23	.10		.10	10	1.5	1	10	1	0	0
GOLDFIELD	32.9M	0.7	58	1	0	12	0	28	.11	- .33	.07	10				2	0	0
HAWTHORNE BABBIT	36.8	0.9	68	4	3	12	0	29	.05	- .30	.05	19	1.0			1	0	0
INDIAN SPRINGS	38.6M	- 2.3	77	1	3	12	0	29	.19	- .29	.13	10	3.0	0		1	0	0
LAS VEGAS	41.8M	4.6	78	1	15	12	0	25	.06	- .45	.03	18+	.0	0		2	0	0
LAS VEGAS WB AP	43.3	- 0.1	72	1	15	12	0	20	.13	- .29	.11	18	.0	0		2	0	0
LATHROP WELLS	46.5		79	1	14	21	0	17	.00		.00	0	.0	0		0	0	0
MINA	35.0	1.0	64	1	2	12	0	31	T	- .27	T	10+	T	T	10+	0	0	0
MOUNT CHARLESTON LODGE	27.8		56	7	- 7	12	0	31	2.45		1.35	18	18.5	16	19+	3	3	1
OVERTON	4.0	- 2.7	79	2	18	22	0	21	.16	- .77	.06	10+	T	0		4	0	0
PAHRUMP 2 N	42.1		76	1	11	12	0	21	.06		T	T	T	T	11	2	0	0
PICOCHE	30.4	- 2.0	63	1	1	12	0	26	1.64	.14	.60	18	9.2	6	19+	7	3	0
RATTLESNAKE	30.1M		60	1	4	21	0	31	.16		.10	18	T	0		2	0	0
SARCOBATUS	34.5		70	1	2	12	0	29	.03		.03	19	3.0	3	19	1	0	0
SEARCHLIGHT	45.4	- 0.2	70	1	20	12	0	12	.55	- .24	.42	19	.0	0		3	1	0
SMOKEY VALLEY	29.8		68	1	- 10	21	0	30	T		T	11+	1.5	1	11	0	0	0
TONOPAH	30.8	- 0.8	58	4	- 2	20	0	30	.08	- .30	.04	10+	2.0	1	10+	2	0	0
DIVISION	36.6	- 1.2							.34	- .35			2.6					
STATE	31.4	- 1.3							.47	- .49			6.2					
DELAYED DATA																		
NORTHWESTERN DIVISION																		
JUNE 1949																		
HAWTHORNE BABBIT	69.6	2.4	96	15	40	1	10	0	.13	- .18	.13	18	.0	0		1	0	0
LATHROP WELLS	80.4		109	13	52	1+	25	0	.21		.21	6	.0	0		1	0	0
LEHMAN CAVES NM	60.3M	- 0.4	86	22	33	5	0	0	1.41	.52	.85	5	T	0		6	1	0
JULY 1949																		
HAWTHORNE BABBIT	76.7	1.4	100	14+	52	5+	27	0	T	- .19	T	4+	.0	0		0	0	0
LEHMAN CAVES NM	67.6M	- 4.0	94	15	43	4+	4	0	.92	.34			.0	0		9	0	0
MINDEN	67.9M	- 1.3	96	14	35	7	0	0	.07	- .20	.04	31	.0	0		2	0	0
AUGUST 1949																		
BASALT	68.8		102	29	41	12	11	0	.54		.43	1	.0	0		3	1	0
DESERT GAME RANGE	78.4		102	4	52	11	27	0	.47		.46	23	.0	0		2	1	0
LOVELOCK	71.4M	- 0.7	102	3	44	24	20	0	.06	- .09	.06	24	.0	0		1	0	0
MINDEN	65.3M	- 2.0	95	3+	36	12+	0	0	.12	- .08	.07	12	.0	0		2	0	0
SEPTEMBER 1949																		
HAWTHORNE BABBIT	69.6	4.3	96	2	44	30	12	0	T	- .18	T	12+	.0	0		0	0	0
OCTOBER 1949																		
GOLCONDA	45.3M	- 4.0	85	5	11	17	0	24										
NOVEMBER 1949																		
GOLCONDA	45.6M	7.1	74	2			0	26										

See reference notes following Station Index

DAILY PRECIPITATION

Table 3

NEVADA
DECEMBER 1949

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACOMA	R								.28	.25							.03	.06	.35	.62	.05											.02	1.65
ADAVEN									.28	.28									.35	.34	.07												1.04
ALAMO	Z								.10	.10									.12	.12													.34
ARTHUR	Z								.20	.20							.18	*	.40	.31	*	.05											1.48
AUSTIN	Z								.05	.18	.03						.18	.10	.28	.14	T				T	.30							.98
BARCLAY CROSSING	R								.03	.01								.04	.43	.58	.02												1.12
BASALT	Z								.02	T									.03	.03													T
BATTLE MT CAA AP	Z								.08	T							.04	.07	T	.34					T								.83
BEATTY	Z								.01	.01					T			.01	.04	.04													.08
BROWN	Z								.02	T							.20	.14	.04	.03					T								.43
BOULDER CITY									T	.04								.03	.18	.01													.26
CALIENTE	Z							T		.42		.62					T	.51	.72	.20	.07												.73
CARP									.29	.29							T	.15	.72	.32												.11	1.98
CARSON CITY									T	T																							T
COALDALE										T																							
CONTACT	Z								T	T	.10						T	.10	T	.04			.12		T	T							.28
DESERT GAME RANGE										T	.15								T	T													.10
EASTGATE	R										.15						.04	.06	.05	.04													.34
ELKO WB AP	Z									T	T		T				.12	.28	.05	.05					.01	.01	T						.53
ELY WB AP	Z									.12	T						.02	.01	T	.04	.22	.01			T	.01	.01	T					.43
FALLON EXP STA										T	T						T	T		.06													.08
FERNLEY									.05	T	T									T													.05
FERNLEY MNTC STA	R								.10	.05																							.15
FISH CREEK RANCH	Z								.07	.18								.03	.28	.10													.20
GEYSER									.18									.13															.80
GLENNBROOK																T	*	.25	.55														.80
GOLCONDA																	T	*	.10														.10
GOLDFIELD										.07	.07										.04												.11
HAWTHORNE HABBIT	Z								T	.03								.05		.05													.05
IMLAY									.03																								.08
INDIAN SPRINGS										.18	.54									T													.19
JARBIDGE					T				*								*	*	*	.80							.42						1.76
JIGGS	Z								.08								*	*	.65	.26						.04							1.03
KIMBERLY									T	.16							.25	.12	.50	.71						.04							1.78
LAHONTAN									T	T							T			T													T
LAMOILLE PH										.36	.36						.12	.06	*	.55													1.09
LAS VEGAS																		.03	.03														.06
LAS VEGAS WB AP																		.11	.02														.13
LATHROP WELLS	Z								T	T	T					T																	T
LOVELOCK																	.10	T	T	.10	.02												.00
LOVELOCK CAA AP																																	.22
LOVELOCK MALA VISTA RANCH	Z								T	T						T	T	T	T	.01							.08						.01
MANHATTAN POWER HOUSE	R																.15	.07	.01	.10												.28	
MARLETTE LAKE										.13	T						.17	.18	.29	.51													.11
MC GILL										.11	.11						.03	.07	.02	.01	.15					T							1.47
MINA																																	.38
MINDEN										T	T																						T
MINTO	Z								.01	.01							T	T	.09														.10
MINTO	R								.19	.32								.03	.18	.73	.03												1.48
MONTELLA																		.08	.51	.08								T	T				.68
MOUNT CHARLESTON LOOGE									T	T	.25	T					T																2.45
NIXON									.02	.02										.06													.08
NORTE FORK MNTC STA	Z									T	T						.15	.08	.28		*	*			*	1.00							1.20
OROVADA										T	T																						.51
OVERTON	Z									.06	.03									.06	.01												.16
OWYHEE	Z					.07			.02	.04	T	T	.06		T		.13	.20	.06	.34	T			T	f	.12	.01	.08					1.13
PAHRUMP 2 N																																	.06
PALMETTO	R									T	T								*	.06													.08
PARADISE VALLEY									*	.13							.16	.10	.05	.02													.46
PEQUOP	B									.05	.28	.18					.06	.06	.60	.42	.02					.06	.11						.75
PIECHE									.06	.42							.06	.06	.60	.42	.02												1.64
PRIMEAUX									.05	.01							.50	.15	.15													.71	
QUINN RIVER CROSSING	Z								T	T							.05	.05	.05	T													.15
RATTLESNAKE	Z																																

Table 4

HOURLY PRECIPITATION

NEVADA
DECEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HAWTHORNE BABBIT													-4th-												
													-	-	-	-	-	-	-	-	-	-	-	-	-
OWYHEE										.06	.01		-5th-												.07
													-9th-												
ACOMA														.03	.01	.01	.01	.01	.04	.01	.03	.06	.08		.28
ARTHUR																.01	.04	.03	.01	.03	.01	.01	.01		.09
AUSTIN																		.02	.03	.01	.01	.02	.01		.04
BARCLAY CROSSING																									.03
BASALT																		.02	.03	*	*	*	*	*	.04
BATTLE MT CAA AP																			*	*	*	*	*	*	.05
CALIENTE																		.02	.03						.12
ELY WB AP																					.08	.01	.03		.10
FERNLEY MNTC STA																		.02	.05	.02					.04
FISH CREEK RANCH																									.10
JIGGS																			*	*	*	*	*	*	.05
MINDEN																			.05						.04
MINTO										.02	.01							.02	.05	.04	.02	.01	.01	.01	.01
OWYHEE										.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02
PARADISE VALLEY																			*	*	*	*	*	*	*
RENO WB AP																		.02	.05	.03					.10
RYE PATCH DAM																		.01		.01	.01	.01			.04
SCHELLBOURNE																			.01	.01	.02	.02			.05
SEVENTY ONE RANCH																		.02	.06	.01			.01	.02	.08
TONOPAH																									.03
WELLINGTON RS																				.06	.06	.06	.06	.01	.02
WELLS																									.18
WINNEMUCCA WB AP															.04	.02			.05	.06	.06	.06			.05
YERINGTON SCS Y 1																				.03	.07	.02			.06
																									.12
													-10th-												
ACOMA	.05	.01	.06	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	.11							.25
ALAMO																									.06
ARTHUR													.06												.03
AUSTIN								.03	.01	.01	.01	.01	.01		.02		.01	.01	.01						.10
BARCLAY CROSSING			.01														.01	.01	.01	.01					.01
BASALT																					.01	.01	.02		.04
BEATTY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35							.01	.15
CALIENTE						.02	.02	.06	*	.02	*	.01	*	*	*	*	.01	.01							.05
EASTGATE																									.32
FERNLEY MNTC STA																									.09
MINTO	.09	.04	.05	.04	.03	.02	.04	.03	.02	.01			.01	.01	.02	.01									.03
OVERTON													.03	.01											.15
OWYHEE								.03																	.09
PARADISE VALLEY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.13							.03
TONOPAH	.01			.01			.01	.01	*	.01	.01	*	*	*	*	*	*								.13
WINNEMUCCA WB AP															.02										.06
																									.02
													-11th-												
AUSTIN									.01	.01		.01													.03
													-12th-												
OWYHEE																						.01			.01
													-13th-												
OWYHEE	.01		.01	.01	.01	.02																			.06
													-15th-												
ELY WB AP																	*	*	*	*	*	.02			.02
SEVENTY ONE RANCH																				.01					.01
													-16th-												
ACOMA							.01	.01	.04	.03	.02	.01	.01	.02	.01	.02	.01								.03
ARTHUR										.01	.01	.01	.01	.01	.01	.04	.01								.17
AUSTIN																									.08
BATTLE MT CAA AP															.02		.01								.03
CONTACT																						.01			.05
EASTGATE													.01		.03	.04									.04
ELKO WB AP						.02	.02	.03	.03	.02	*	*	*	*	.01										.12
ELY WB AP													*	*	*	*	.01	*	*	*	*	*	*	*	.01
FISH CREEK RANCH														.01	.01	*	*	*	*	*	*	*	*	*	.03
JIGGS																	*	*	*	*	*	*	*	*	*
OWYHEE					*	*	*	*	*	*	.15	*	*	*	*	*	*	*	*	*	*	*	*	*	.16
PARADISE VALLEY			.01	.02	.02	.03	.02	.03	.03									.01	*						.16
PEQUOP																					.01	.01			.05
QUINN RIVER CROSSING	.01	.01			.01	.02							.01	.01	.01					.01	.01				.05
RYE PATCH DAM													.01			.01			.01	.02					.05
SEVENTY ONE RANCH																									.05
WELLS			.01	.01		.01	.01	.02	.03	.01	.02	.02	.01				.01	.01							.16
WINNEMUCCA WB AP							.02	.03	.01																.06
													-17th-												
ACOMA										.02			.01					.01					.01		.05
ARTHUR						.01	.01	.05	.05	.04	.06	.05	.04												.31
AUSTIN								.01				.01									.01	.03	.07	.01	.15
BARCLAY CROSSING												.01	.01	.02	*	*	*	*	*	*	*				

Table 4-Continued

HOURLY PRECIPITATION

NEVADA
DECEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
-18th-																											
ACOMA				.02					.01	.02	*	*	*	*	*	*	*	*	*	.01	.02	*	*	.25	.05	.35	
ALAMO																.02	.03	.05		.02	.02	*			.15		
ARTHUR									.22	.02										.17	.03			.03	.06	.55	
AUSTIN	.02	.03	.06	.01	.01		.01	.01	.01										.02	.01						.17	
BARCLAY CROSSING	.01		.01			.04	.01	.03									.02	.02	.03	.02	.03		.01	.07	.06	.07	.43
BEATTY			.01																							.01	
CALIENTE	*	*	*	*	*	*	*	*	*	*	*	.03							.01					.01	.02	.01	.06
CONTACT																							.02	.02		.04	
EASTGATE	.01	.02	.01	.01																						.05	
ELKO WB AP																				.02				.01	.02	.05	
ELY WB AP									.01	.02	.01															.04	
FISH CREEK RANCB																	.01									.10	
JIGGS	*	*	*	*	*	*	.69												.03	.02	.01	.03	.08			.86	
LAS VEGAS WB AP													.01	.03	.02	.02	.01	.01						.01		.11	
MANHATTAN PB																.01										.01	
MINDEN																										.11	
WINTO					.01			.01	.01		.01	.01			.01	.01	.01	.01	.01	.01	.03	.01	.02	.03		.19	
NORTH FORK MNTC STA							.01	.01	.01	.04	.01	.02					.01			.08						.11	
OWYHEE						.01		.01										.02	.01	.01	.01	.01				.10	
PARADISE VALLEY																	.01	.02								.05	
PEQUOP			.02		.01														.02	.01	.09	.01		.02		.18	
QUINN RIVER CROSSING																				.02						.05	
RATTLESNAKE	.01	.01			.01	.01		.01	.01	.01	.01				.03			.01					.02			.08	
RENO WB AP																.02	.01	.01								.06	
RYE PATCH DAM																										.08	
SCHELLBOURNE			.01		.01	.03	.01		.02	.01								.01				.01			.08	.11	
TONOPAH				.01																						.01	
WELLINGTON RS			.01															.03	.03		.01	.10	.01			.07	
WELLS									.01											.01	.10	.01		.01	.06	.21	
WINNEMUCCA WB AP																.01						.02	.04	.04		.10	
-19th-																											
ACOMA	.03	.04	.03	.02	.04	.04	.04	.09	.08	.09	.01	.02						.02	.02	.01				.02		.62	
ALAMO																.02	.01	.02	.01							.06	
ARTHUR	.01				.06	.03		.02	.01																	.13	
AUSTIN					.05	.05	.04	.05		.01	.01															.16	
BARCLAY CROSSING	.04	.10	.05	.05	.07	.03	.02	.03	.05	.04	.01						.01	.03	.02		.01	.03	.01			.59	
BASALT								.01		.01	.01															.03	
BATTLE MT CAA AP	*	*	*	*	.20							.01														.21	
BEATTY																										.04	
CALIENTE			.01	.01	.01	.01	.08	.03									.04									.14	
EASTGATE				.01	.01	.02	.01		.01	.01																.04	
ELKO WB AP				.01	.01		.01	.01									.01									.05	
ELY WB AP			.02	.01						.01	.04	.06	.02	.02	.03	.01										.22	
JIGGS			.01	.01	.05	.02	.01	.01																		.11	
LAS VEGAS WB AP					.01											.01										.02	
MANHATTAN PH									.04	.01	.03	.02														.10	
WINTO	.03	.06	.02	.03	.07	.06	.02	.06	.04	.04	.01	.02	.06	.04	.05	.01	.07	.01	.01	.01		.01				.73	
NORTH FORK MNTC STA										.03		.01								.03	.05					.12	
OVERTON					.01	.02	.01	.01	.01	.02	.01	.01	.02	.01		.01										.06	
OWYHEE	.05	.02	.01		.01	.01		.03	.03	.02	.01	.01	.02	.01		.01		.01								.25	
PALMETTO																										.04	
PARADISE VALLEY										.01	.01															.02	
PEQUOP	.04	.03																								.07	
RATTLESNAKE										.04		.01	.01	.01												.07	
RYE PATCH DAM	.01																									.01	
SCHELLBOURNE								.01	.03	.01	.01															.06	
TONOPAH								.02	.03	.01							.01									.07	
WELLINGTON RS	.02	.01								.02																.05	
WELLS				.01	.05	.01	.03			.02	.01		.02	.01												.13	
WINNEMUCCA WB AP	.02	.01																								.03	
YERINGTON SCS Y 1						.01																				.01	
-20th-																											
ACOMA	.01		.02		.01	.01							*	*	*	*	*	*	*	.05						.05	
ARTHUR																										.05	
AUSTIN									.01	.02																.03	
BARCLAY CROSSING				.01			.01																			.02	
CALIENTE		.01	.02	.02	.01	.01																				.07	
CONTACT													.01	.02						.01	.01					.05	
ELY WB AP	.01																									.01	
WINTO	.01			.01					.01			.01	.01	.01												.03	
NORTH FORK MNTC STA																										.03	
PALMETTO			.01																							.01	
-22d-																											
CONTACT			.01	.02	.01		.01					.01	.01									.01				.08	
-23d-																											
CONTACT																							.02			.02	
ELKO WB AP																							.01			.01	
NORTH FORK MNTC STA						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PEQUOP																										.06	
WELLS																										.02	
-24th-																											
ARTHUR																							.09	.01		.10	
CONTACT		.01		.01																						.02	
ELKO WB AP									.01																	.01	
ELY WB AP	.01																									.01	
JIGGS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
NORTH FORK MNTC STA																										.11	
OWYHEE					.01	.03				.01	.03	.02	.01	.02		.01	.02									.10	

Table 4-Continued

HOURLY PRECIPITATION

DELAYED DATA

 NEVADA
DECEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 1949																									
SUNNYSIDE													- 2nd -												
SEPTEMBER 1949																					.01	.11	.02		.14
SUNNYSIDE		.08	.01										- 26th -												.09
SUNNYSIDE													- 27th -												.23

DAILY TEMPERATURES

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAVEN	MAX	56	57	54	54	53	50	50	46	19	22	26	38	34	29	33	30	34	35	23	36	44	44	38	31	46	45	50	43	45	47	40.4	
	MIN	25	26	29	25	22	28	24	26	13	8	- 4	12	9	13	9	11	23	19	5	13	7	15	19	11	5	14	22	19	17	15	16.0	
	MAX	69	68	70	69	68	61	50	59	56	51	37	40	46	45	39	45	40	41	55	37	46	49	50	54	44	47	54	59	54	55	50	51.9
ALAMO	MIN	39	18	24	20	19	19	25	31	36	27	4	7	8	12	20	18	17	34	23	21	14	16	16	18	18	12	15	17	17	18	16	19.3
	MAX	59	57	54	62	48	47	48	46	20	18	33	37	36	34	29	32	41	29	18	32	42	48	34	40	40	50	50	43	48	41.1		
	MIN	24	24	20	25	25	20	24	18	17	6	- 1	- 2	16	18	17	17	25	5	- 2	7	14	20	17	8	20	22	28	28	22	22	16.8	
AUSTIN	MAX	55	58	56	55	59	45	45	39	48	28	20	33	41	33	30	32	38	42	36	26	41	48	46	48	46	47	52	48	46	44	42	42.8
	MIN	25	29	30	23	25	23	22	25	20	11	3	0	11	12	13	11	14	16	17	0	10	17	18	20	14	11	20	19	20	18	18	16.6
	MAX	56	58	48	49	49	42	48	48	50	27	29	26	41	37	43	35	38	41	32	25	33	42	49	38	35	43	47	46	54	39	46	41.7
BATTLE MT CAA AP	MIN	11	14	12	11	15	10	15	8	11	8	- 4	- 4	4	- 2	16	17	21	23	- 2	- 10	6	10	12	12	1	16	17	13	11	13	11	9.5
	MAX	72	71	58	68	66	63	56	56	57	40	39	43	50	52	44	47	48	47	50	36	54	52	53	54	51	61	64	64	58	58	59	54.5
	MIN	44	33	37	31	29	32	31	39	39	28	20	10	20	22	24	19	21	32	25	20	22	29	24	23	26	21	25	28	22	27	22	26.6
BEOWAVE	MAX	57	58	50	50	50	43	46	50	51	30	25	28	40	36	39	36	36	40	32	25	32	33	43	36	32	43	48	48	50	45	45	41.2
	MIN	15	12	15	13	25	14	21	10	10	10	12	- 3	10	- 2	17	15	16	28	20	- 2	2	- 2	16	21	- 1	11	13	20	23	16	15	12.6
	MAX	71	65	64	64	70	67	64	60	59	54	40	48	47	45	47	49	49	55	44	43	47	47	56	52	48	52	56	54	55	55	53.8	
BOULDER CITY	MIN	56	48	45	48	45	47	46	51	48	30	25	26	28	35	38	34	32	38	44	28	30	29	33	33	35	31	34	38	39	39	37	37.8
	MAX	65	65	60	63	63	61	55	52	44	29	21	30	34	34	37	39	42	46	29	42	37	41	44	38	36	42	47	45	52	56	45.0	
	MIN	23	15	17	17	17	16	22	41	23	- 2	7	- 1	0	11	22	9	21	26	18	3	8	11	14	14	6	9	11	12	12	14	13.4	
CARSON CITY	MAX	62	63	63	64	65	66	69	54	46	51	29	33	39	42	40	45	43	45	44	31	30	40	48	57	45	50	59	60	59	57	56	48.8
	MIN	23	24	23	19	26	22	27	22	17	8	- 4	3	9	17	24	30	34	35	16	- 1	1	9	14	25	13	22	19	20	19	32	19	18.3
	MAX	68	65	64	65	60	58	58	54	50	32	34	33	35	40	41	39	42	44	53	55	57	55	56	62	60	58	65	64	60	62	60	53.2
COALDALE	MIN	26	30	30	25	24	28	30	29	28	18	5	14	12	17	22	24	20	22	7	14	16	20	24	28	21	17	24	20	22	18	30	21.4
	MAX	58	57	45	43	46	39	40	48	45	31	25	32	35	38	40	34	34	40	36	28	27	36	43	41	28	42	44	49	49	45	44	40.3
	MIN	18	24	11	19	18	9	23	16	11	16	12	2	20	3	14	25	9	23	18	1	18	15	17	20	- 2	- 2	18	25	14	15	12	14.1
DESKET GAME RANGE	MAX	70	70	69	64	66	63	60	58	59	41	40	49	47	47	48	51	52	57	48	52	52	51	55	52	57	59	61	56	56	57	55.7	
	MIN	42	33	34	28	29	32	37	42	46	29	22	9	21	20	32	22	22	45	43	22	22	21	20	25	27	21	20	24	24	26	25	27.9
	MAX	54	55	47	47	50	38	42	51	49	24	23	27	41	36	40	33	34	39	29	16	28	34	40	32	29	37	42	38	46	38	34	37.8
ELKO WB AP	MIN	13	14	15	13	18	15	16	11	11	13	- 1	- 2	9	1	17	4	18	25	- 4	- 8	3	- 1	11	6	- 9	10	12	4	3	6	4	8.0
	MAX	58	56	46	55	54	49	46	48	46	21	18	29	34	34	33	30	30	37	34	12	28	36	44	31	27	40	46	49	42	44	43	38.7
	MIN	16	16	12	17	19	16	20	22	19	10	- 11	- 13	- 5	- 1	16	10	13	28	7	- 10	- 12	- 5	4	15	- 8	- 3	3	10	20	10	15	8.1
FALLON EXP STA	MAX	61	57	63	50	52	54	47	51	50	56	33	31	39	43	40	44	45	47	51	20	30	41	46	55	44	44	55	56	57	60	48	47.4
	MIN	20	21	19	19	23	19	25	18	15	16	3	4	6	10	20	27	26	19	17	0	3	10	10	22	8	10	14	15	16	19	13	15.1
	MAX	58	64	52	53	53	46	53	52	55	30	33	39	42	38	45	43	48	46	40	32	42	48	57	48	45	57	58	56	61	50	57	48.4
FERNLEY	MIN	21	21	19	22	30	21	30	19	15	15	2	4	5	10	21	27	28	13	2	4	6	12	27	11	13	15	18	19	22	12	16.5	
	MAX	59	58	58	56	55	56	46	46	48	50	20	31	40	34	33	29	31	40	30	35	37	40	42	34	40	43	48	52	46	42	41.9	
	MIN	6	6	8	7	6	5	8	11	5	12	7	- 16	2	- 7	- 2	9	5	7	15	4	1	- 3	- 1	14	0	- 4	- 2	0	5	0	- 2	3.4
GEYSER	MAX	55	58	49	57	55	52	47	49	48	40	29	27	38	38	35	34	29	37	38	34	33	32	39	36	35	38	42	45	42	43	41.2	
	MIN	44	34	40	35	41	37	40	40	38	30	25	42	41	43	40	38	40	38	36	40	40	47	42	40	40	48	47	50	47	46	43.9	
	MAX	54	55	50	52	47	50	46	47	50	40	30	35	42	41	43	40	38	40	38	36	40	40	47	42	40	40	48	47	50	47	46	43.9
GLENBROOK	MIN	31	32	30	30	24	28	26	23	30	11	5	20	22	18	19	20	22	24	22	5	4	23	25	22	30	28	30	26	24	28	28	22.9
	MAX	58	59	54	42	49	47	39	46	52	50	29	30	32	45	31	43	40	40	43	32	29	40	32	46	38	41	47	44	46	55	45	42.2
	MIN	17	20	11	10	16	11	22	11	11	4	4	- 1	6	10	10	20	20	24	11	- 16	- 3	6	12	17	0	8	20	16	15	12	18	11.0
GOLDFIELD	MAX	58	57	46	52	56	49	46	48	50	40	24	32	33	37	36	38	43	45	35	42	40	41	49	41	48	50	54	47	49	47	44.4	
	MIN	36	35	37	32	31	30	31	32	23	11	8	0	10	15	17	16	20	21	17	18	20	21	17	24	10	17	21	24	20	28	21	21.4
	MAX	64	64	54	68	61	51	53	49	52	30	32	36	39	44	45	48	49	55	40	30	38	45	54	58	36	46	49	58	62	61	53	56
HAWTHORNE RABBIT	MIN	30	31	32	32	39	32	30	32	27	25	12	3	18	20	29	23	28	28	24	10	11	16	19	33	16	15	13	25	30	26	26	23.7
	MAX	58	61	54	50	53	49	51	53	51	46	43	28	40	37	39	43	44	43	35	32	36	35	38	46	49	58	62	61	53	56	49.8	
	MIN	21	20	23	23	24	22	19	27	19	15	9	8	12	7	11	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	-
INLAY	MAX	77	71	73	70	65	62	63	60	62	57	46	48	48	49	53	55	39	50	53	53	54	50	55	59	60	54	62	58	58	58	58	58.1
	MIN	24	21	24	19	18	22	23	31	37	22	25	3	8																			

NEVADA
DECEMBER 1949

DECEMBER 1948

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Table 7

SNOWFALL AND SNOW ON GROUND

NEVADA
DECEMBER 1949

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAVEN	SNOWFALL									2.0								3.0	3.0	1.0												
	SN ON GND									2								3	5	5	4	3	-	-	-	-	-	-	-	-	-	-
ALAMO	SNOWFALL									1.5																						
	SN ON GND									T	T	T	T	T	T			T	T													
AUSTIN	SNOWFALL								1.0	3.5	0.5						2.5	1.0	2.6	5	7											
	SN ON GND								-	4	3	2	2	1	1		3	3	5	7	7	7	6	5	4	3	3	2	2	2	1	1
BASALT	SNOWFALL									4.0	2.0									1.0												
	SN ON GND									3	5	4	3	2	1	T				1	1	T	T	T	T	T	T	T	T	T	T	
BATTLE MTN CAA AP	SNOWFALL								0.7	T							1.8	2.7	0.1	3.2												
	SN ON GND								T	1	1	1	T	T	T		2	2	2	5	5	5	5	3	2	2	2	2	2	2	1	1
BEOWAWE	SNOWFALL								0.2	T							2.0	1.4	0.4	0.3												
	SN ON GND								-	T							2	2	1	1	T	T	T	T	T	T	T	T	T	T	T	T
BOULDER CITY	SNOWFALL																															
	SN ON GND																															
CALIENTE	SNOWFALL									3.0											0.5											
	SN ON GND									3											T											
CARSON CITY	SNOWFALL									3.5																						
	SN ON GND									2	2	2	2	1	1	T	T	T	4	3	2	2	1	T	T	T	T	T	T	T	T	
COALDALE	SNOWFALL										T																					
	SN ON GND									T																						
CONTACT	SNOWFALL																	0.1	T	T												
	SN ON GND																T	-	T	-	-	-	2.1	-	T							
DESERT GAME RANGE	SNOWFALL									1.5																						
	SN ON GND									1																						
ELKO WB AP	SNOWFALL								T								3.2	3.0	1.0	1.7												
	SN ON GND										T						3	5	4	6	5	4	4	0.1	0.2	T	5	4	4	4	3	3
ELY WB AP	SNOWFALL								2.0	T						1.0	0.1	0.2	1.5	5.0	0.6	6	5	4	T	0.2	4	4	4	4	3	3
	SN ON GND									1	1	1	T	T	T		1	2	2	6	6	5	4	4	4	4	3	3	3	3	2	2
FALLON EXP STA	SNOWFALL									T	T						T	T			1.0											
	SN ON GND																				1	T	T	T								
FERNLEY	SNOWFALL								1.5	T																						
	SN ON GND								1	1	1	1	T	T	T						T											
FISH CREEK RANCH	SNOWFALL									1.0																						
	SN ON GND									1																						
GEYSER	SNOWFALL									3.5																						
	SN ON GND									-																						
GLENBROOK	SNOWFALL																4.0															
	SN ON GND																															
GOLCONDA	SNOWFALL																T	*	2.0													
	SN ON GND																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDFIELD	SNOWFALL										1.0																					
	SN ON GND										1																					
HAWTHORNE BABBIT	SNOWFALL									T											1.0											
	SN ON GND																															
IMLAY	SNOWFALL								1.0								2.0															
	SN ON GND									1	-	-	-	-	-		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIAN SPRINGS	SNOWFALL										3.0																					
	SN ON GND																															
JARBIDGE	SNOWFALL					0.5				3.0	3.0						1.0	1.0	3.0	4.0					2.0	1.0						
	SN ON GND					-	-	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
KIMBERLY	SNOWFALL								T		3.0						3.5	2.0	6.0	8.0					1.0							
	SN ON GND										3	3	2	2	1	T	3	5	11	19	19	17	12	9	6	5	5	4	4	4	4	3
LABONTAN	SNOWFALL										T						T															
	SN ON GND										T						T															
LAMOILLE PH	SNOWFALL									4.0							1.0	2.0	*	12.0												
	SN ON GND									4	3	3	2	2	2		3	3	13	10	12	11	10	8	6	5	5	4	3	3	2	2
LOVELOCK	SNOWFALL																T	T	T	0.5												
	SN ON GND																T	T	T	T												
LOVELOCK CAA AP	SNOWFALL								T	T																						
	SN ON GND																															
MALA VISTA RANCH	SNOWFALL																6.0	2.5							2.0							
	SN ON GND																6	8	8	8	8	8	8	8	10	-	-	-	-	-	-	-
MARLETTE LAKE	SNOWFALL									1.5	T					2.0	1.5	2.0	3.0	6.0												
	SN ON GND	6	6	6	5	5	5	5	5	5	6	6	6	6	6																	

SNOWFALL AND SNOW ON GROUND

Table 7 - Continued

NEVADA
DECEMBER 1949

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
THORNE	SNOWFALL										1.0								T															
	SN ON GND										1								T															
TONOPAH	SNOWFALL								T		1.0							T		T														
	SN ON GND								T		1							T		1														
U OF N EXP FARM	SNOWFALL									2.0	T							T		T														
	SN ON GND									-	1		1	T	T			T		1.5														
WELLINGTON RS	SNOWFALL										2.0									-		1	T	T										
	SN ON GND										2																							
WELLS	SNOWFALL										1.0																							
	SN ON GND										T	T	T	T	T	T	2.5	3.2	3.0	6.0														
																	2	5	7	11		9	7	-	-	3.0								
																										8	7	7	5	-	-	-	-	
WILKINS	SNOWFALL										T							1.0	4.0	T	2.0													
	SN ON GND																	-	4	3	4		4	4	3	2	1.0							
WINNEMUCCA WB AP	SNOWFALL					T			T	T	T	T	T			T	1.0	T	2.1	0.7						3	3	2	1	1	1	1	1	
	SN ON GND								T	T	T	T	T				T	T	T	2		2	1	1	T	1	1	T	T					
YERINGTON	SNOWFALL								T	2.5	2																							
	SN ON GND									2		2																						

CORRECTIONS

TABLE 2.	FEBRUARY 1949:	Caliente, Delayed Data, minimum temperature should be -18.
	MAY, JUNE, JULY and AUGUST 1949:	Carsnn City, mean temperature, departure frnm normal and date of highest temperature should be respectively: 54.8, -0.2, 26th; 64.0, 1.9, 10th+; 70.6, 1.4, 15th; 67.3, -0.3, 95° nn 3rd.
	OCTOBER 1949:	Snuthern Divisinn departure frnm normal should be -1.2 and State departure -2.4.
	NOVEMBER 1949:	Snuthern Divisinn departure frnm normal should be 6.8 and State departure 6.5.
TABLE 5.	MAY, JUNE, JULY and AUGUST 1949:	Carsnn City, all maximum temperatures; read as for the date preceding that on which printed.

STATION INDEX

Continued

NEVADA
OCTOBER 1949

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADAVEN	0046	NYE	2	38 07 115 35		5250	4P	4P	RALPH HUBER	2 3 5 7	OVERLAND PASS	5840	WHITE PINE	8	40 01 115 35		6789			VAR U S ENGINEERS	8
ALAMO	0099	LINCOLN	3	37 22 115 09		3449	SS	SS	G. J. OAVIS	2 3 4 5 7	OVERTON	5846	CLARK	3	36 33 114 27		1275	8A	8A	US NAT PARK SERVICE	2 3 4 5 7
ARTHUR	0439	ELKO	5	40 48 115 11		6500	SP	SP	MARLETT O'DONNELL	3 4	OWYHEE	5869	ELKO	6	41 37 116 06		5396	MIO	MIO	OS WB AIRWAY OBS	2 3 4 5 7
AUSTIN	0097	LANDER	6	39 30 117 05		6543	11P	11P	US WB AIRWAY OBS	2 3 4 5 7	PAIRUMP 2 N	5890	NYE	5P	38 14 115 58		2983	5P	5P	PAIRUMP VLY FARM INC	2 3 5 7
SASALT	0668	MINERAL	2	38 00 118 16		6350	5P	5P	STATE HIGHWAY DEPT	2 3 4 5 7	PAIRUMP RANCH	5897	NYE		35 11 116 00		2869			VAR U S GEOLOGICAL SVY	8
BATTLE MOUNTAIN CAA AP	0691	LANDER	6	40 37 116 52		4528	MIO	MIO	OS CIVIL AERO ADM	2 3 4 5 7	PALEMETTO	5831	SSMERALDA		37 27 117 45		9900			MID JOHN OLAN	3 4
BRATT	0714	NYE	2	36 54 116 45		3314	MIO	MIO	OS WB AIRWAY OBS	2 3 4 5 7	PARADISE VALLEY	5900	HUMBOLDT		41 30 117 32		4650			MID L T TURNER	3 4
BROWATE	0795	SUREKA	9	40 36 116 28		4685	SS	SS	SOUTHERN PACIFIC CO	2 3 5 7	PARADISE VALLEY RS	6148	ELKO		41 04 114 32		6000			SP F S FOREST SERVICE	3 4
BOULDER CITY	1071	CLARE	3	35 59 114 51		2525	4P	4P	OS BUR RECLAMATION	2 8 5 8 7	PIEDICE	9252	LINCOLN		37 56 114 26		6110	7P	7P	NORMAN N SORESEN	2 3 5 7
SOKESIN MOUNTAIN	1308	HUMBOLDT	9	41 47 117 33		7800			VAR U S FOREST SERVICE	S	PRIMEAUX	5839	FUREKA		40 40 116 19		8000			SP ROY L PRIMEAUX	3 4
CALIENTE	1359	LINCOLN	3	37 17 114 31		4402	5P	5P	US SOIL CON SERVICE	2 3 4 5 7	ROBIN RIVER CROSSING	9304	HUMBOLDT		41 34 118 27		4097	8P	8P	GENERAL LIVESTOCK CO	2 3 4 5 7
CARP	1443	LINCOLN	3	37 07 114 30		3000			8A SVELTH ANN COLLINS	3 5 7	RATTLERNAKE	9630	NYE		39 28 118 03		5915	6P	6P	STATE HIGHWAY DEPT	2 3 4 5 7
CARBON CITY	1485	ORMSBY	1	38 10 119 46		4675	9A	9A	STATE HIGHWAY DEPT	2 3 5 7	RENO ROCK SUMMIT	9733	CLARE		36 08 115 31		6500			VAR U S GEOLOGICAL SVY	8
COLD CREEK RANCH	1755	SSMERALDA	2	38 03 117 54		4649	6P	6P	STATE HIGHWAY DEPT	2 3 5 7	RENO WB AIRPORT	6779	WASHOE		38 30 119 47		4387	MIO	MIO	U S WEATHER BUREAU	2 3 4 5 7
COLD CREEK RANCH	1790	CLARE	3	36 25 115 44		9200			VAR U S GEOLOGICAL SVT	S	ROBERTS RANCH	6905	CLARK		36 10 115 35		6100			VAR U S GEOLOGICAL SVY	8
CONTACT	1905	ELKO	4	41 47 114 45		5385	5P	5P	STATE HIGHWAY DEPT	2 3 4 5 7	RUBY LAKE	7123	SLEO		54 02 12 115 30		6012	5P	5P	SP FISH & WILD LIFE SVC	2 3 5 7
COOK CREEK PACE	1925	SLEO	4	41 47 115 29		8300			VAR U S ENGINEERS	2 3 5 7 6	RUTE PATCH OAM	7192	PERSHING		40 28 118 16		4161	5P	5P	US BUR RECLAMATION	2 3 4 5 6 7
CURLEY	2078	NYE	2	38 45 118 28		8163	6P	6P	STATE HIGHWAY DEPT	2 3 5 7	SADLER RANCH	7224	ELKO		64 02 12 115 44		5690			VAR U S ENGINEERS	8
DEBERT GEAR RANGE	2243	CLARE	3	36 26 115 21		3025	5P	5P	FISH & WILD LIFE SVC	2 3 5 7	SAND PASS	7261	WASHOE		40 19 119 48		3900	6P	6P	ROSE F BONHAM	2 3 5 7
OTER	2431	SSMERALDA	2	37 43 119 05		4950			D O MORRIS	3	SARCOBATUS	7319	NYE		37 17 117 03		4020	6P	6P	STATE HIGHWAY DEPT	2 3 5 7
SASTGATE	2477	CHURCHILL	2	39 18 117 53		4000			MID STATE HIGHWAY DEPT	3 4	SCHILLBOURNE	7330	WHITE PINE		53 48 114 44					MID STATE HIGHWAY DEPT	2 3 4 5 7
ELKO WB AIRPORT	2573	ELKO	6	40 50 115 47		5075	MIO	MIO	U S WEATHER BUREAU	2 3 4 5 7	SCHURZ	7358	MINERAL		39 57 116 49		4124	3P	3P	WILLIS WILSON	2 3 5 7
KLY WB AIRPORT	2931	WHITE PINE	5	39 17 114 51		6257	MIO	MIO	U S WEATHER BUREAU	2 3 4 5 7	SCHURZLIGHT	7369	CLARK		35 28 114 55		3540	4P	4P	STATE HIGHWAY DEPT	2 3 4 5 7
FALLON EXPERIMENT STA	2790	CHURCHILL	1	39 27 118 41		3655	8A	8A	SA O S EXPERIMENT STA	2 3 5 7	SEVENTY ONE RANCH	7387	SLEO		40 53 115 19		5500			MID HUGH O MC NULLEN	3 4
FERNLEY	2840	LYON	8	39 38 118 15		4200	5P	5P	FRANK M GOODWIN	2 3 5 7	SHEDDEN	7443	WASHOE		41 51 118 39		4800	5P	5P	SHELDON GARD REFUGE	2 3 5 7
FERNLEY MAINTENANCE STA	2849	LYON	8	39 37 118 15		4180			MIO STATE HIGHWAY DEPT	3 4	SMITH	7609	LYON		39 49 119 24		4800	5P	5P	FRANK T MAYN	2 3 4 5 7
FISH CREEK RANCH	2860	SUREKA	2	38 16 119 00		6050	7A	7A	BARTHOLOMEAS CORP	2 3 4 5 7	SMOKEY VALLEY	7820	NYE		38 47 117 10		5625	5P	5P	STATE HIGHWAY DEPT	2 3 5 7
GERLACR	5080	WASHOE	7	40 35 119 24		3980	9A	9A	U S GYPSUM COMPANY	2 3 5 7	SOLDIER CREEK	7890	ELKO		40 47 115 18		5800			VAR U S ENGINEERS	8
GEYSER	5101	LINCOLN	5	38 38 114 38		5984	9P	9P	STATE HIGHWAY DEPT	2 3 5 7	SULPHUR	7873	HUMBOLDT		40 54 115 40		4044	4P	4P	WESTERN PACIFIC CO	2 3 5 7
GLENBROOK	3205	DOUGLAS	8	39 05 118 56		6400	6P	6P	ERNEST LEE	2 3 5 7	SUNNYSIOS	7908	NYE		38 28 115 01		4200			MID CLAIR WHIPPLE	3 4
GOLCONDA	3245	HUMBOLDT	6	40 58 117 30		4392	8A	8A	SOUTHERN PACIFIC CO	2 3 5 7	TAKAPAR	8034	MINERAL		38 36 115 36		4200	3P	3P	SOUTHERN PACIFIC CO	2 3 5 7
GOLDFIELD	3255	SSMERALDA	2	37 43 117 13		5700	6P	6P	CALIF ELEC POWER CO	2 3 5 7	TORONAR	8160	NYE		38 04 117 14		9101	11P	11P	US WB AIRWAY OBS	2 3 4 5 7
GONCE CREEK	3303	ELKO	6	41 18 115 55		6360			VAR U S ENGINEERS	S	TORONAR WILLIAMS RCS	8349	SLEO		44 21 12 116 04		9400			SP WRS IRENE WILLIAMS	3 4
HANES CREEK	3450	ELKO	8	41 27 115 23		8700			VAR U S ENGINEERS	S	UNIV OF NEVADA EXP FARM	9500	WASHOE		38 31 119 47		4512	SS	SS	WALTER NELSON	2 3 5 7
HARRISON PASS	3486	ELKO	6	40 20 115 31		7300			VAR U S FOREST SERVICE	S	WELLINGTON RANGER STA	8877	LYON		39 45 119 23		4800	3P	3P	OS FOREST SERVICE	2 3 4 5 7
BATTORNE BASSET	3515	MINERAL	9	38 32 118 39		4180	11P	11P	US WB AIRWAY OBS	2 3 4 5 7	WELLS	8908	ELKO		41 07 114 56		5923	5P	5P	WELLS POWER COMPANY	2 3 4 5 7
STOEN FOREST CAMP	3519	ELKO	6	40 23 115 13		8100			VAR U S GEOLOGICAL SVT	2 3 4 5 7	WILKINS	9122	ELKO		41 29 114 45		5700	5P	5P	JOHN W MOSCHETTI	2 3 5 7
IMLAY	3957	PERSHING	6	40 40 118 10		4209	4P	4P	SOUTHERN PACIFIC CO	2 3 5 7	WINNEMCCA WB AIRPORT	8171	HUMBOLDT		64 04 54 117 46		4299	MIO	MIO	OS WEATHER BUREAU	2 3 4 5 7
INDIAN SPRINGS	3980	CLARE	3	36 34 115 40		3136	5P	5P	TIM HARVEY	2 3 5 7	WINSTON	9238	LYON		38 59 119 10		4352	7P	7P	MRS W H CRUICKSHANK	2 3 5 7
JACKS CREEK PASS	4036	ELKO	6	41 34 116 00		7200			VAR U S FOREST SERVICE	S	NEW STATIONS										
JARRIDGE	4038	ELKO	6	41 52 115 26		9100	5P	5P	A URBAL	2 3 5 7	ACOMA	0015	LINCOLN		37 37 34 114 08		5521			MIO WRS BLANCHE COLK	3 4
JIGGS	4096	ELKO	6	40 23 115 10		8100			VAR U S GEOLOGICAL SVT	2 3 4 5 7	BARCLAY CROSSING	0645	LINCOLN		37 31 114 36		5500			MIO FRED WOOD	3 4
KIMBERLY	4199	WHITE PINE	5	38 19 115 02		7230	4P	4P	CON COPPERMINES CORP	2 3 5 7	BUNKER PEAK	1300	LINCOLN		37 27 114 07		5575	3P	3P	VAR U S WEATHER BUREAU	8
LAMONTAN	4349	CHURCHILL	1	39 28 119 04		4200	9A	9A	TRUCKEE-CARSON BUR SVC	2 3 5 6 7	CRESTLINE	2035	LINCOLN		37 41 114 08		5982			VAR WILLIAM L GETTIE	3 4
LAMONTAN POWER HOUSE	4395	ELKO	6	40 41 115 28		6290	4P	4P	ELCO-LAMONTAN PWR CO	3 4 5 7	MINTO	5239	LINCOLN		37 35 114 22		4728			MID UNION PACIFIC RR	3 4
LAS VEGAS	4429	CLARE	3	36 10 115 08		2008	6P	6P	C P SQUIRES	2 3 5 7	PINE CANYON	6235	LINCOLN		37 37 34 114 14		8500			VAR U S WEATHER BUREAU	9
LAS VEGAS WB AIRPORT	4459	NYE	2	36 39 116 24		2658	6P	6P	STATE HIGHWAY DEPT	2 3 5 7											
LATROBE WELLS	4457	NYE	2	36 39 116 24		2658	6P	6P	STATE HIGHWAY DEPT	2 3 5 7											
LEE	4481	ELKO	6	40 34 115 37		6000			8A CECIL G YATES	3											
LEE CANYON SUMMIT	4502	CLARE	3	36 19 115 41		9000			VAR U S GEOLOGICAL SVT	S											
LEMAN CAVES NAT MON	4514	WHITE PINE	5	38 59 114 13		6925	6P	6P	U S NAT PARK SVC	2 3 5 7											
LOVELOCK	4688	PERSHING	6	40 12 119 28		3977	9A	9A	PAUL K GARDNER	2 3 5 7											
LOVELOCK CAA AP	4700	PERSHING	6	40 04 119 34		3900	MIO	MIO	OS CIVIL AERO ADM	2 3 4 5 7											
MALA VISTA RANCH	4824	ELKO	6	41 17 115 15		5595	6P	6P	ARTHUR F HYDE	2 3 5 7											
MARATHAN POWER HOUSE	4835	NYE	2	38 32 117 05		6950			MIO CALIF ELEC POWER CO	3 4											
MARLETTE LAKE	4959	WASHOE	9	38 11 119 55		9000	6P	6P	JACK FERGUSON	2 3 5 7											
MC CORMICK INDIAN RES	4939	HUMBOLDT	7	41 58 117 39		5100			MIO U S INDIAN SERVICE	3 4											
MC GILL	4950	WHITE PINE	5	39 24 114 46		6340	7A	7A	KENNEDY COPPER CORP	2 3 5 7											
MINA	5169	MINERAL	9	38 23 119 46		4350	4P	4P	SOUTHERN PACIFIC CO	2 3 5 7											
MINON	5181	DOUGLAS	1	38 57 119 46		4700	7A	7A	DICK COLES	2 3 4 5 7											
MONTFLO	5352	ELKO	5	41 17 114 11		4977	5A	5A	SOUTHERN PACIFIC CO	2 3 5 7											
MOUNT CHARLESTON LODGE	5400	CLARK	3	38 19 115 39		7500	6P	6P	PAUL CHUMROW	2 3 5 7											
NIXON	5605	WASHOE	8	39 49 119 20		3910	5P	5P	ALBERT MAUWER	2 3 5 7											
NORTH FORK WYTC STATION	5691	ELKO	4	41 28 115 48		4500			8A STATE HIGHWAY DEPT	3 4											
OROVADA	5919	HUMBOLDT	7	41 34 117 47																	

† 1 CARSON, 2 CENTRAL, 3 COLORADO, 4 COLUMBIA, 5 EASTERN, 6 HUMBOLDT, 7 NORTHWEST, 8 TRUCKEE, 9 WALKER.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Oelayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature is °F., precipitation and evaporation is inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with January 1949.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Table 3, 5, and

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

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UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

NEVADA

ANNUAL SUMMARY 1949

Volume LXIV No. 13



SAN FRANCISCO: 1950

J. C. Eherhardt, Section Director - Salt Lake City

WEATHER SUMMARY

Nevada weather for 1949 was featured by the coldest winter of record, which included double the usual amount of snowfall, in marked contrast to the previous warm, dry winter season. This adverse weather was followed by an almost continuous array of dry months that extended through the spring, summer and autumn seasons, broken only by generous showers in May.

The winter season of December, 1948, through February, 1949 registered a mean temperature of 23.4° or 8.2° below normal, with snowfall at 36.9 inches or nearly double normal. Precipitation averaged 3.32 inches for the three months or 103% of normal and it was the first winter season since 1943-44 to receive above normal moisture. The resultant loosely-packed snow drifted easily, creating adverse winter conditions felt in all walks of life, being particularly hard on the livestock industry. Winter livestock losses were greatest in the desert ranges of east-central Nevada where dramatic "aerial haylift" operations were necessary to reach stranded animals and ranchers. Considerable less trouble was encountered in western and northern areas where livestock ranged closer to home pastures.

January and May were the only months to receive greater than normal precipitation but the State average of 7.72 inches, 87% of normal, was considerably greater than during the dry years of 1947 and 1948. Desert stations in Clark and Nye Counties reported the greatest plus departures, while several valley stations just east of the Sierras received less than 50% of normal yearly moisture. Greatest annual snowfall was 186.3 inches at Mt. Charleston Lodge in Clark County and 163.5 inches at Glenbrook in Douglas County, with several mountain stations in Elko County also surpassing the 100 inch mark. A tornado was observed near Reno on April 18th. This rare Nevada weather phenomena churned up the desert foliage and deposited a layer of hailstones to mark its passage.

Warm weather in April advanced the spring growing season ahead of schedule and generous May precipitation stimulated good growth of all crops. June and September were above normal in temperature and November blossomed forth as the warmest of record. Grain harvesting and haying were completed under favorable conditions with good yields. The calf and lamb crops were better than expected and livestock generally recovered better than anticipated. Many daily and monthly minimum temperature records were established during the height of the January cold spell and several maximum temperature records were also noted during November, but the yearly mean of 49.4° was only 0.6° below normal. A synopsis by months follows.

JANUARY

Consistently low temperatures throughout month created second coldest January of record, exceeded only by January 1937. Departures ranged from 10° below normal over southern tip of State to nearly 20° below normal over north-central area. Lowest mean temperatures of record were reported throughout Carson Basin and at several other stations in Truckee, Walker and Humboldt basins. All stations north of Las Vegas-Overton region reported readings below freezing every day of the month. Constant array of freezing temperature, frequent snowfalls and much drifting created the most adverse winter conditions of record in many parts of Nevada. Transportation was severely handicapped, water-holes and rivers frozen over to create stock watering problems. Snowfall greatest over Lincoln and eastern Nye Counties, necessitating dramatic "aerial haylift" operations to distribute feed and supplies. Northern and western ranchers able to hold livestock closer to home pastures did not need as much assistance. Desert regions of southern and central Nevada received from 4 to 10 times their usual snowfall; precipitation ranged from 200% to 600% of normal. Precipitation was below normal in Truckee-Carson basins and in the Elko-Ely districts.

FEBRUARY

Extremely cold first two weeks; daily departures often 20° below normal. Every drainage basin averaged 6° to 7° below normal for the month. Less than half-inch precipitation at most western stations but heavy storm last two days of month brought amounts 2.00 inches or greater to some southeastern and northeastern stations. More moisture was deposited in southern Nye County in two days than for entire calendar year of 1948. High winds and drifting snow from 1st to 13th virtually halted highway and rail traffic in Montello-Wells district. Reno reported longest continuous cold weather and snow cover of record, and much damage to waterpipes and pavement. Supplemental stock feeding by "aerial haylift" continued as weather permitted, with livestock losses estimated at 25% of range stock, valued at two-and-one-half million dollars.

MARCH

Below normal temperatures at end of month retarded stream runoff and slowed crop development. Snowfall below average but cooperative snow survey showed nearly normal snowpack at high elevations and nearly twice normal snowpack at lower altitudes. Snow melting into dry soils with little runoff or flood hazard. Reservoir storage generally about 45% of average or 80% of last year. Hay and feed supplies low and livestock conditions remain fair to poor. Northern areas still

snow-covered at end of month and some snow still visible in Caliente-Pioche area. Winter stock losses about normal in north and west sections, heavy in south and east sections.

APRIL

Warmest of recent years and second driest of record. Warm weather and high winds dried out soils and ranges and necessitated heavy irrigation of some pastures and alfalfa fields. Calf and lamb crops good in western areas but poor in eastern areas which experienced severe winter conditions. Adequate soil moisture and warm weather put gardens and vegetation off to a good start. Low altitude snow nearly disappeared. Unusual tornado and hail storm near Reno on 18th.

MAY

Almost daily precipitation across State from 14th to 20th created wettest May since 1930; very beneficial and timely to all crops and ranges. Sheep shearing completed early in month with fleeces slightly below average. Lamb crop better than anticipated following hard winter. Germination of early grains and crop growth retarded by cold weather in north and west but southern alfalfa stand heaviest in many years. Livestock showed considerable gain and reservoir water storage was greatly improved.

JUNE

Favorable for development of crops and grains and ideal for harvesting hay. Sufficient water supplies available for irrigation and livestock use. Temperatures near normal and precipitation about 64% of normal. Some frost damage to truck gardens in northern part of State first three days, with further damage to winter wheat and gardens on 17-18th in this area. Ranges and grain crops made satisfactory growth but extensive irrigation necessary in some areas. Alfalfa crops above average in yield. Calf and lamb crops better than expected.

JULY

Near normal temperatures and a few local thundershowers made favorable weather for grain harvesting and haying operations, but ranges continued to become drier with extensive irrigation necessary to keep pastures and crops in good condition. Unusually warm evenings in Las Vegas-Boulder City area 17th to 19th. Cattle showing greater recovery than sheep from effects of severe winter.

AUGUST

Comparatively dry weather; temperatures near normal. High temperatures and low humidities caused excessive drying of soils and range browse, showing effects on high ranges by end of month. Livestock losing weight on west and northern ranges though water and feed sufficient for most needs. Good weather conditions for haying operations; yields better than average. Favorable grain harvest but some crops showing effects of dry weather.

SEPTEMBER

Warm weather and below normal precipitation intensified state-wide drought conditions. Unusually high temperatures first few days of month. Cold wave over north and northeast section on 16th terminated growing season in that area. No general precipitation over State until 26th, when thunderstorms brought generous amounts to some southeast stations. Grazing ranges continued to show steady decline, although cattle were just beginning to show loss of weight.

OCTOBER

Satisfactory weather for fall harvesting; moisture prospects improved by two stormy periods though precipitation still much below normal. Killing frosts over northern and western areas on 6th and 7th; growing season generally terminated over State by the 21st. First general snowfall over northern sector on 7th and heavier amounts over north and east-central sections on 18-19th created some driving hazards.

NOVEMBER

Warmest November in history; every station reported mean temperatures 2° to 10° above normal. Heavy precipitation over western and central stations from 7th to 10th very beneficial to those areas where water storage was drastically low. Several daily maximum records established at Reno and Winnemucca. State average precipitation still below average; ranges becoming extremely dry.

DECEMBER

Only 50% normal precipitation for State as a whole; a few northeast and east-central stations along Utah border received normal precipitation but amounts tapered off to about 15% of normal over most far-western areas. Snowfall totaling greater than 10 inches was welcomed over the northeast cattle ranges, softening browse and providing needed range water. Feed supplies generally ample for any emergency.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

NEVADA - 1949

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	
ADAVEN	17.5	-11.7	24.1	- 7.4	34.3	- 3.5	50.7	5.6	52.1	- 1.2	61.8	- 0.5	69.2	- 1.2	66.5	- 1.8	82.8	- 2.1	48.7	- 0.7	48.2	8.2	28.2M	- 3.3	47.0	- 1.2	
ALAMO	23.2	-13.6	28.9	-11.3	46.2	- 0.8	59.1	4.2	81.7	- 1.5	71.8	- 0.0	76.7	- 2.3	71.8	- 4.6	67.8	- 0.2	55.8	- 2.3	51.7	4.2	35.8	- 4.2	34.2	- 2.8	
AUSTIN	14.0	-14.3	25.9	- 5.1	33.9	- 2.1	47.0	3.3	48.5	- 2.7	57.8	- 2.6	68.0	- 0.2	68.0	- 0.2	77.9	3.8	46.7	- 1.8	41.9	8.7	28.1	- 2.0	24.2	- 2.8	
BASALT	M	M	M	M	35.8				51.0		52.9		85.7		70.8		68.6		64.8		49.9		48.1		29.7		
BATTLE MTN CAA AP	4.7		23.3		38.8			50.2		56.1		62.6		71.5		89.4		81.2		45.1		42.8		25.8		45.8	
BEATTY	26.8	-14.1	36.7	- 6.8	48.2	- 1.4	83.3	6.7	64.9	0.2	77.2	4.1	82.3	2.1	78.0	- 0.3	75.4	- 4.4	60.3	- 0.4	58.7	8.5	40.8	- 1.0	59.3	0.3	
BEOWAVE													M		68.1M	- 3.5	60.7	- 0.1	44.8	- 4.8	43.7	8.2	26.9	- 2.4	-	-	
BOULDER CITY	34.4	-11.3	42.5	- 6.8	54.6	- 2.2	68.8	3.5	71.2	- 3.1	82.5	- 0.3	89.1	- 0.2	85.8	- 1.6	83.7	- 2.7	68.1	- 2.4	61.8	- 8.8	45.8	- 1.7	65.5	- 1.4	
CALIENTE	14.0	-18.1	16.8	-20.4	41.8	- 3.6	55.5	4.0	59.2M	- 0.8	67.9	- 0.5	71.3	- 2.5	67.0M	2.0	51.7M	2.0	51.7M	1.2	47.0	2.5	29.2M	- 5.1	49.7	- 3.4	
CARSON CITY	13.9	-18.4	29.9	- 5.6	40.7	- 0.7	52.0	4.4	54.8	- 0.2	64.0	1.8	70.8	1.4	67.3	- 0.3	63.1	3.4	50.5	0.7	47.3	7.5	33.8	- 0.5	49.0	- 0.5	
COALDALE	12.2		M		39.9		56.3		61.2		73.7		79.0		75.3		70.8		54.9		51.2		37.3		-	-	
CONTACT									56.7M		61.0		68.8		68.5		60.2		42.7		44.3		27.2		-	-	
CURRENT	18.2		29.0				59.3		59.3				61.9														
DESERT GAME RANGE			37.8M		49.3		62.1		65.0		74.6		89.2		78.4		75.0		60.5		57.7		41.8				
ELKO WB AP	4.7	-18.6	16.0	-13.6	33.5	- 4.1	48.3	2.9	53.7	0.9	59.5	- 1.9	68.3	- 1.0	67.0	0.2	58.6	1.7	43.7	- 3.0	41.2	5.1	22.9	- 2.8	43.1	- 2.9	
ELY WB AP	5.8	-17.1	15.0	-11.6	31.9	- 0.6	46.0	5.6	50.0	2.1	57.7	1.9	66.3	2.8	64.5	3.2	59.0	6.6	43.0	1.2	41.5	8.8	23.4	- 1.1	42.0	0.1	
FALLON EXPERIMENT STA	9.6	-20.2	26.8	- 9.4	41.6	- 1.5	52.4	2.2	56.1	- 1.4	65.9M	0.7	71.4	- 1.8	68.8	- 2.0	63.4M	2.1	49.0	- 2.2	44.8	5.2	31.3	- 0.4	48.4	- 2.4	
FERNLEY																											
FISHER CREEK RANCH	5.8		12.7		33.6						47.2M		48.4		67.3		71.4		66.4		51.3		32.5				
GERLACH	13.8	-14.5	32.7	- 1.9	41.6	- 0.6	54.9M	5.3	57.8M	0.1	68.4	2.3	77.8M	2.5	74.4	1.4	68.5	4.9	49.5	- 2.7						40.4	
GEYSER																											
GLENBROOK	11.1		14.1		34.7		48.9		52.2		60.9		72.5		72.8		69.3		54.5		51.8		M				
GOLCONDA	20.4		27.2		34.5		44.1		48.3		58.9		63.0		60.0		47.2		41.9		33.4				45.4		
GOLDFIELD	8.9M	-19.0	26.0	- 7.5	M				57.4	1.0	65.2M	- 0.2	72.8	- 1.8	70.2	- 0.8	62.7M	2.9	45.3M	- 4.0	45.6M	7.1	26.9	- 2.8	-	-	
BATHORNE RABBIT	16.6	-14.1	25.5	- 9.3	40.8M	- 0.8	53.5	4.5	58.4M	1.5	71.9	6.2	72.1	- 1.5	69.1	- 2.8	67.1	3.8	53.4	1.1	50.5M	9.9	32.9M	0.7	51.0	0.0	
	19.2	-14.9	31.9	- 6.1	44.5	0.6	56.5	6.1	58.6	0.0	69.6	2.4	76.7	1.4	74.2	- 0.1	69.6	4.3	53.5	- 0.4	48.9	5.4	36.8	0.9	53.4	0.0	
IMLAY	10.0	-17.6	M		M		53.2	4.6	56.6	0.2	64.3	- 1.2	70.7	- 4.1	66.9M	- 4.2	64.2M	3.7	M		41.4	2.2	M				
INDIAN SPRINGS	28.4	-11.9	39.2	- 4.3	51.4	- 1.1	63.2	3.9	68.9	0.6	81.0	5.1	85.5	2.6	79.2	- 2.0	74.9	1.9	58.2	- 2.2	53.4	7.0	38.6M	- 2.3	60.1	- 0.1	
JARBIDGE	9.9M	-17.3	20.6M	- 5.5	31.6	- 0.9	44.6	4.0	50.4	1.8	54.4	0.9	63.6	- 1.4	63.2	- 0.1	57.0	2.7	39.2	- 2.0	43.8	10.3	25.6	- 3.2	42.0	- 1.5	
KIMBERLY	11.0	-13.9	19.9	- 7.3	30.5	- 3.1	47.1	4.2	50.3	- 1.0	57.9	- 1.9	68.3	- 1.1	66.0	- 1.2	61.1	2.9	43.4	- 4.2	43.9	8.9	25.7	- 2.9	43.8	- 1.7	
LAMONTAN	13.2	-18.2	28.8	- 9.1	43.4	- 1.3	56.9	5.2	60.2	- 0.3	70.7	1.8	79.1	0.9	75.4	- 0.8	68.8	3.0	52.3	- 2.3	48.4	6.0	33.5	- 0.3	52.6	- 1.2	
LAMOLLE POWER HOUSE	9.9	-15.7	21.4	- 7.4	30.6	- 3.9	47.6	5.5	50.3	- 0.3	55.1	- 4.5	68.2	- 0.4	66.1	- 1.3	53.5	- 4.7	42.5	- 5.6	40.5	4.7	26.2	- 2.0	42.7	- 2.9	
LAS VEGAS	35.5	- 9.9	43.8	- 6.7	55.9	- 0.9	67.9	3.6	70.1	- 1.7	80.9	0.6	85.5	- 1.0	81.1	- 3.7	78.0	0.8	62.8	- 3.2	59.0	5.1	41.8M	- 4.6	63.5	- 1.8	
LAS VEGAS WB AIRPORT	32.4	- 9.8	41.8	- 6.1	53.6	- 0.2	67.1	5.5	70.9	0.4	83.3	2.3	89.4	2.3	85.1	0.3	82.2	6.8	63.3	- 0.4	58.9	7.6	43.3	- 0.1	64.3	0.7	
LATHROP WELLS	32.7		38.5																								
LEMAN CAVES NAT MON	M				33.5M	- 2.6	47.0M	2.6	50.6M	- 2.3	60.3M	- 0.4	67.6M	- 4.0	66.0M	- 3.5	60.4	- 0.3	40.3M	- 7.8							
LOVELOCK	13.2	-14.9	28.7	- 6.4	42.1	- 0.3	55.5	5.9	59.2M	1.6	67.3	1.9	73.8	0.2	71.4M	0.7	65.4	3.7	50.9	- 0.2	46.9	8.3	32.3	1.5	50.6	0.2	
LOVELOCK CAA AIRPORT	6.5	24.5	41.2				53.1	57.9			66.9		74.8		70.7		64.4		47.6		42.3		27.6		48.1		
MALA VISTA RANCH	6.2	15.2	30.2				45.0	50.9			56.5		64.5M		56.2		64.5M		39.7M		38.9M				43.0		
MARLETTE LAKE	12.5	-11.4	20.4	- 4.5	24.5	- 4.5	41.7	6.1	39.8	- 2.1	52.3	0.8	59.4	- 1.3	56.4	- 3.6	53.7	1.4	40.4	- 1.5	38.9	6.5	23.7	- 2.6	38.6	- 1.4	
MC GILL	10.6M	-16.6	21.2	- 9.7	33.6	- 3.9	48.4	2.9	52.0	- 2.5	60.3	- 3.4	69.3	- 2.9	68.7	- 1.5	63.1	2.2	45.8	- 3.4	46.0	8.1	28.6	- 0.3	45.6	- 2.6	
MINA	14.5M	-17.8	29.7M	- 7.9	43.5M	- 0.5	54.6	3.3	62.5	2.7	70.5	0.7	78.1	- 0.1	74.4	- 1.2	70.5	4.6	52.1	- 1.6	48.0	5.4	35.0	- 1.0	52.8	- 0.9	
MINDEN	9.8M	-21.8	28.9M	- 7.5	38.8M	- 3.7	49.5M	0.9	53.2	- 2.4	61.8	- 0.8	67.9M	- 1.3	65.3M	- 2.0	61.4M	1.5	49.1	- 1.2	44.2	3.2	M				
MONTELLO	7.6	-15.4	17.7	-12.0	35.9	- 2.1	49.8	3.0	56.5	0.9	61.2	- 1.9	71.0	- 1.7	69.8	- 1.1	61.5	1.8	44.1	- 4.5	41.1	6.4	23.7	- 2.0	45.0	- 2.3	
MOUNT CHARLESTON LODGE	15.5M	22.4	30.6	42.2	47.9						58.8		65.5		62.1		60.0		43.8		40.0		27.8		43.1		
NIXON	15.2	-16.4	30.4	- 6.5	41.1	- 2.0	53.0	4.1	55.8	- 1.0	65.6	2.8	72.7	1.0	68.5	- 2.2	63.7	1.2	49.8	- 3.0	45.3	4.6	32.9	- 1.5	49.5	- 1.6	
OROVADA	M	M	M	42.9M	3.1	52.6M	5.9	M																			
OVERTON	36.4	-10.7	44.8	- 6.6	55.8	- 1.5	66.5M	- 1.9	73.9	- 3.3	85.1	1.9	91.1	0.6	86.6	- 2.8	82.4	0.8	65.9	- 1.9	58.2	4.8	45.0	- 2.7	66.0	- 1.9	
OFFICE	6.4	-20.2	24.4	- 5.6	34.5	- 1.4	47.2	3.5	53.3	1.4	58.3	0.1	67.4M	- 0.8	66.7M	1.4	58.9	2.7	41.1	- 7.2	44.8	5.1	28.4	- 1.9	44.2	- 2.0	
PASADUNA 2 N	32.2	-13.5	42.0	- 7.6	38.8	- 0.3	54.4	6.6	54.8	- 1.1	66.2	1.2	73.4	0.4	71.1	0.0	66.0	2.6	50.0								

Table 2--Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NEVADA - 1949

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	
ELY W8 AP	.78	-.22	.48	-.51	.53	-.66	.36	-.70	1.53	.14	.57	-.05	.63	-.01	.18	-.93	.36	-.27	.61	-.16	.42	-.24	.43	-.45	6.88	-4.04	
FALLOON EXP STA	.61	-.06	.21	-.42	1.02	.55	.11	-.36	1.84	1.30	.29	-.06	.00	-.15	.00	-.17	.04	-.20	.13	-.45	.13	-.20	.06	-.56	4.31	-.66	
FERNLEY	.85	.38	.38	.64	.14	.03	.14	1.03	.00	.00	.00	.00	.00	.00	.03	.02	.02	.00	.00	.35	.05	.05	.05	.05	3.60	.74	
FERNLEY MNTC STA	.85	.38	.38	.64	.14	.03	.14	1.03	.00	.00	.00	.00	.00	.00	.03	.02	.02	.00	.00	.35	.05	.05	.05	.05	3.60	.74	
FISH CREEK RANCH	1.39	.30	.30	.59	.08	.08	.08	1.66	.35	.35	.35	.35	.90	.50	.50	1.15	.03	.30	.30	.20	.20	.20	.20	.20	7.49	.74	
GERLACS	.30	-.38	.12	-.61	1.29	.91	.24	-.12	2.06	1.54	.00	-.48	.00	-.18	T	-.15	T	-.26	.00	-.44	-	-	-	-	-	-	
GEYSER	1.56	.83	.61	-.10	.32	-.72	.13	-.62	2.24	1.57	.95	.58	.89	.49	.36	-.66	.70	.29	.35	.39	.44	-.28	.60	-.09	9.15	.90	
GLENBROOK	1.17	1.67	1.67	1.62	T	T	T	3.57	.06	.05	.05	.05	.05	.05	.45	.26	.26	.58	2.34	.80	.80	.80	.80	.80	12.57	.80	
GOLCONDA	.88	.20	.34	-.22	-	-	-	.97	.25	.04	.01	-.16	.00	-.12	.00	-.29	.00	-.29	.00	-.29	.00	-.29	.00	-.29	.00	12.57	.80
GOLDFIELD	.20	-.47	T	-.64	.09	-.61	.27	-.19	.95	.52	.32	.03	.24	-.14	.20	-.38	T	-.33	.20	-.30	.18	-.12	.11	-.33	2.78	-2.96	
RAWHORNE SABBIT	1.02	.62	.06	-.29	.55	.21	.35	-.04	1.31	.96	.13	-.18	T	-.19	T	-.25	T	-.18	.08	-.42	.10	-.28	.05	-.30	3.65	-.34	
IMLAY	.80	.12	-	.76	.28	.26	-.26	2.80	2.14	.57	.19	.00	-.09	.00	-.18	.00	-.26	.00	-.49	.37	-.03	.08	-.61	-	-	-	
INDIAN SPRINGS	1.80	1.54	1.20	.84	1.03	.73	.08	-.35	.91	.82	.25	.20	.92	.58	.02	-.55	.30	.10	.12	-.17	.22	.00	.19	-.29	7.04	3.45	
JARBIDGE	2.48	.42	3.32	1.21	1.94	-.11	.49	-2.18	4.48	2.60	.83	-1.43	.32	-.04	.51	.14	.35	-.66	2.98	1.17	.99	-.72	1.76	-.10	20.45	.30	
JIGGS	1.20	-	.99	.83	.79	.79	.79	2.63	.49	.49	.72	.72	.72	.72	.20	.20	.65	.82	.82	.64	.64	.64	.64	.64	10.99	.64	
KIMBERLY	1.69	.18	1.24	-.51	1.60	.05	.24	-1.14	2.96	2.04	.51	-.19	.32	-.48	.05	-.96	.62	-.16	1.06	.00	1.05	.23	1.78	.64	13.12	-.30	
LAWHONTAN	.06	-.56	1.10	.45	T	-.32	.00	-.45	1.52	1.09	.00	-.37	.00	-.17	.00	-.24	.00	-.26	.00	.36	.34	.07	T	.55	2.02	2.57	
LAWOILLE P8	1.74	.30	1.97	.23	1.66	-.24	.53	-1.84	4.12	1.98	.59	-.63	.09	-.60	.00	-.66	.40	-.32	1.43	-.01	1.04	-.31	1.09	-.33	14.66	-2.43	
LAS VEGAS	3.71	3.12	1.23	.60	.40	-.01	.08	-.20	.51	.34	.04	-.12	.15	-.35	.67	.08	.01	-.37	T	-.28	.02	-.18	.06	-.45	6.88	2.18	
LAS VEGAS W8 AP	2.41	1.79	.62	.21	.31	-.03	.08	-.18	.29	.11	.07	-.07	.23	-.30	.25	-.28	T	-.33	.02	-.26	.01	-.21	.13	-.29	4.42	.16	
LATHROP WELLS	.73	-	1.95	.43	.00	.00	.00	1.40	.21	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.72	.00	
LEHMAN CAVES NM	3.78	-	-	-	-	-	.24	-1.39	.90	-.03	1.41	.52	.92	.34	.71	-.48	.59	-.08	1.57	.22	-	-	-	-	-	-	
LOVELOCK	1.18	.46	.22	-.37	1.46	1.02	.20	-.22	1.59	1.14	.25	-.15	.07	-.08	.06	-.09	.59	.29	.07	.35	.18	-.12	.22	-.21	6.09	1.32	
LOVELOCK CAA AP	1.37	.32	.32	.83	.21	.21	.21	1.74	.19	.09	.09	.09	.09	.09	.03	.19	.01	.01	.09	.01	.09	.01	.09	.01	5.08	.08	
MALA VISTA RANCH	.70	1.62	.28	.28	.19	.19	.23	2.35	.22	.11	.02	.11	.02	.11	.02	.11	.14	.12	.54	.28	.28	.28	.28	.28	6.57	.28	
MANHATTAN POWER ROUSE R	.95	-	.42	1.15	.24	.24	.24	-	.05	.27	.69	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	.52	15.67	-13.09	
MARLETTE LAKE	1.86	-4.11	3.01	-3.38	2.78	-.67	.17	-1.65	3.23	1.92	.18	-.42	.04	-.10	.47	.29	T	-.51	.74	-.76	1.72	-.34	1.47	-3.38	-	-	
MATTHEWS RANCH	-	-	.79	.74	.25	.25	.25	2.65	.73	.73	.60	-.05	.43	-.22	.47	-.54	.28	-.35	.70	-.12	.26	-.40	.39	-.44	7.02	-3.55	
MC DERMITT INDIAN RES R	.63	-.33	.54	-.40	.60	-.51	.18	-.92	1.94	.73	.60	-.05	.43	-.22	.47	-.54	.28	-.35	.70	-.12	.26	-.40	.39	-.44	7.02	-3.55	
MC GILL	-	-	.54	-.40	.60	-.51	.18	-.92	1.94	.73	.60	-.05	.43	-.22	.47	-.54	.28	-.35	.70	-.12	.26	-.40	.39	-.44	7.02	-3.55	
MINA	1.04	.60	T	-.30	T	-.30	.01	-.37	1.00	.45	.00	-.26	.00	-.25	T	-.34	T	-.19	T	-.28	.25	.08	T	-.27	2.30	-1.43	
MINDEN	.84	-1.04	.30	-1.31	.68	-.32	.03	-.55	2.16	1.66	.02	-.34	.07	-.20	.12	-.08	.00	-.24	.18	-.33	1.02	-.03	1.10	-1.59	5.52	-4.30	
MINTO	-	-	.36	-.18	T	-.31	.67	.13	1.03	.34	.44	-.11	.22	-.12	.76	.46	.01	-.35	.15	-.30	.27	-.11	.68	.16	6.17	.64	
MONTELO	1.58	1.03	.36	-.18	T	-.31	.67	.13	1.03	.34	.44	-.11	.22	-.12	.76	.46	.01	-.35	.15	-.30	.27	-.11	.68	.16	6.17	.64	
MOUNT CHARLESTON LOOGE	8.18	4.54	4.16	4.16	1.06	1.06	1.06	3.51	1.07	1.15	1.15	1.15	1.15	1.15	.33	.30	.32	.55	2.45	2.45	2.45	2.45	2.45	2.45	27.62	.64	
NIXON	.24	-.65	.31	-.65	.15	-.46	.12	-.36	.78	.30	.00	-.65	.00	-.25	.00	-.16	T	-.32	.08	-.68	.11	-.51	.08	-.64	1.87	-5.08	
NORTH FORK MNTC STA	-	-	.31	-.65	.15	-.46	.12	-.36	.78	.30	.00	-.65	.00	-.25	.00	-.16	T	-.32	.08	-.68	.11	-.51	.08	-.64	1.87	-5.08	
OROYABA	1.18	.07	.68	.54	1.38	.49	.30	-.94	2.68	1.41	.23	-.35	.51	.10	.20	-.26	.20	-.26	.78	.03	.72	-.33	1.20	.16	-	-	
OVERTON	2.10	1.69	.49	.21	.09	-.42	.10	-.31	.02	-.11	.10	.09	.39	.27	.51	.04	.23	-.35	.02	-.50	.14	-.13	.16	-.77	4.35	-.71	
OYHIE	1.25	-.13	1.55	.21	.79	-.37	.43	-1.06	4.55	2.97	.95	-.19	T	-.46	.11	-.23	.15	-.60	1.52	.28	.72	-.38	1.13	-.12	13.15	-.08	
PARRUMP 2 N	1.11	1.68	.96	.03	.81	.30	.81	.30	.81	.30	.30	.12	.12	.12	.08	.05	.05	.08	.08	.45	.06	.06	.06	.06	5.73	.06	
PALMETTO	.95	.60	.81	.34	.89	.09	.18	.04	.00	.00	.04	.00	.04	.00	.04	.00	.04	.00	.04	.23	.06	.06	.06	.06	4.23	.06	
PARADISE VALLEY	1.19	1.02	.48	.13	.24	.27	.29	.47	2.29	.00	.06	.15	.06	.15	.06	.15	.06	.15	.06	.15	.06	.15	.06	.15	7.14	.06	
PARADISE VALLEY RS	1.60	.26	.48	-.67	.36	-.32	.05	-.70	2.37	1.57	.46	-2.9	.28	.28	.05	-.12	.30	-.11	.57	-.12	.33	-.44	.75	.75	-	-	
PEQUOP	-	-	.58	.58	.58	.58	.58	.58	2.00	.26	.26	.26	.26	.26	.55	.55	.30	.36	.48	.48	.48	.48	.48	.48	-	-	
PIOCHE	2.06	.48	1.64	.13	1.43	-.13	.33	-.77	2.99	2.15	1.19	-.86	1.30	.62	.68	-.76	.54	-.59	.55	-.29	1.01	.40	1.64	.14	15.38	2.24	
PRIMEAUX	2.02	.26	2.03	.13	1.35	.20	.20	.32	3.12	.39	.39	.26	.26	.26	.26	.26	.25	1.28	1.02	.71	1.02	.71	1.02	.71	12.63	.71	
QUINN RIVER CROSSING	.28	-.66	.45	-.29	.54	-.01	.30	-.06	1.43	.97	.20	-.20	.00	-.18	.00	-.20	.22	-.12	.72	-.17	.34	.04	.15	-.51	4.17	-1.47	
RATTLESAKE	.76	-.10	.21	.21	T	T	T	2.15	.47	.16	.16	.16	.16	.16	.25	.25	.85	.27	.27	.18	.18	.18	.18	.18	5.38	.18	
RENO W8 AP	.76	-.78	.32	-.86	.74	-.07	.29	-.18	1.64	1.01	.13	-.16	.80	.55	.11	-.11	.18	-.08	.11	-.25	1.28	.64	.17	-.81	6.53	-1.10	
RUBY LAKE	1.22	.79	1.08	.37	.37	.208	.77	.77	.77	.77	.34	.34	.34	.34	.59												

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3—Continued.

NEVADA - 1949

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ADAVEN	94°	7-16	- 5°	1-17+	4- 3 (24°)	8- 1 (28°)	6- 1 (28°)	10- 8 (24°)	10- 8 (24°)	10- 8 (24°)	188	129	129
ALAMO	107°	7-15	- 3°	2- 4	3-30 (21°)	4- 2 (27°)	4- 2 (27°)	10- 9 (29°)	10-10 (27°)	10-21 (22°)	205	191	190
AUSTIN	-	-	-14°	1-10+	4-13 (24°)	8- 3 (28°)	6-17 (32°)	10- 6 (28°)	10- 8 (28°)	10- 7 (22°)	177	125	111
BASALT	102°	8-29	-10°	1-25	4- 1 (23°)	4- 4 (27°)	6- 1 (32°)	10- 8 (25°)	10- 8 (25°)	10- 9 (24°)	191	187	129
BATTLE MTN AP	103°	7-15	-35°	1-24	4-13 (19°)	5- 5 (25°)	5-11 (32°)	9-14 (30°)	9-17 (28°)	9-18 (22°)	158	135	126
BEATTY	109°	7-15+	7°	1-12	2-15 (19°)	2-16 (27°)	3-30 (29°)	10-19 (32°)	12-10 (28°)	12-11 (20°)	299	297	203
BROWNE	-	-	-	-	-	-	-	9-18 (32°)	9-18 (25°)	10- 8 (23°)	-	-	-
BOULDER CITY	109°	7-16+	17°	1-27+	2-14 (23°)	2-15 (27°)	2-16 (31°)	12-10 (30°)	12-11 (25°)	NONE	320	299	297
CALIENTE	104°	7-16	-18°	2-14	3-30 (24°)	4- 5 (27°)	4-11 (32°)	10- 8 (32°)	10-20 (19°)	10-20 (19°)	204	198	180
CARSON CITY	99°	7-15	-20°	1-26	4- 4 (24°)	4-30 (28°)	5- 7 (31°)	10- 7 (29°)	10- 9 (24°)	10- 9 (24°)	188	182	153
COALDALE	110°	7-15+	-23°	1-24	3- 3 (20°)	4- 1 (26°)	4- 5 (30°)	10- 7 (32°)	10-19 (18°)	10-19 (18°)	230	201	185
CONTACT	-	-	-	-	-	-	-	6-17 (31°)	9-12 (28°)	10- 7 (21°)	-	-	87
CURRENT	-	-	-14°	1- 2	2-23 (24°)	-	-	-	-	-	-	-	-
DESERT GAME RANGE	107°	7-15	-	1-25	2-16 (21°)	2-16 (21°)	3-30 (30°)	12- 4 (28°)	12- 4 (28°)	12-11 (22°)	298	291	249
ELKO WB AP	100°	7-15	-38°	1-25	5- 5 (24°)	5- 6 (26°)	6- 3 (29°)	9- 6 (30°)	9-12 (27°)	9-17 (22°)	135	129	95
ELY WB AP	93°	7-15	-27°	1-25	4-16 (22°)	6- 2 (28°)	6-20 (32°)	9-11 (30°)	9-18 (27°)	10- 8 (24°)	175	108	83
FALLON EXP STA	97°	8- 4	-25°	1-26	4- 4 (20°)	4-10 (28°)	5- 6 (31°)	10- 6 (32°)	10- 9 (23°)	10- 9 (23°)	188	182	153
FERNNLEY	103°	6-15	-	-	-	-	6- 1 (32°)	10- 6 (32°)	10- 7 (27°)	10-20 (21°)	-	-	127
FISH CREEK RANCH	93°	7-16	-34°	1-29	5-22 (21°)	5-22 (21°)	6-30 (29°)	7- 1 (29°)	8-10 (27°)	9-18 (22°)	119	80	1
GERLACH	106°	9- 2	-22°	1-24	3-29 (17°)	4- 2 (27°)	5- 9 (29°)	10- 1 (32°)	10-10 (26°)	10-14 (18°)	199	199	145
GETSER	94°	7-14+	-27°	2- 8	4-15 (22°)	5-10 (26°)	6-21 (30°)	10-20 (30°)	-	-	-	-	121
GLENBROOK	93°	7-14	- 2°	1- 4+	4-13 (28°)	5-20 (32°)	5-20 (32°)	10- 7 (28°)	10- 7 (28°)	10- 8 (21°)	188	177	140
GOLCONDA	103°	7-16	-28°	1-25	-	5- 4 (28°)	5-21 (32°)	9-21 (25°)	9-21 (25°)	10-14 (23°)	-	140	123
GOLDFIELD	99°	7-16	-10°	1- 2	4- 1 (22°)	4- 3 (26°)	4-10 (32°)	10- 6 (31°)	10- 8 (27°)	10-20 (21°)	202	188	179
HAWTHORNE RABBIT	100°	7-14+	- 6°	1-26	3-24 (24°)	3-30 (26°)	4- 4 (31°)	10- 9 (30°)	10-19 (28°)	12-11 (12°)	262	203	188
IMLAY	100°	7-15+	-26°	1-26	5- 3 (23°)	5- 3 (23°)	6- 2 (30°)	-	-	-	-	-	-
INDIAN SPRINGS	115°	7-14+	- 3°	1-17	2-16 (24°)	2-21 (28°)	3-25 (30°)	10- 9 (32°)	10-19 (26°)	11-11 (24°)	268	240	198
JARBIDGE	96°	7-31	-22°	1-25	5- 6 (24°)	6-27 (28°)	6-27 (28°)	9-12 (20°)	9-12 (20°)	9-12 (20°)	129	77	77
KIMBERLY	90°	7-18	-17°	1-25	4-15 (22°)	5- 5 (27°)	6- 3 (30°)	10- 6 (31°)	10- 8 (21°)	10- 8 (21°)	176	156	125
LABONTAN	102°	7-15+	-16°	1-26	3-29 (23°)	3-29 (23°)	4- 1 (30°)	10- 7 (32°)	10-18 (28°)	12-10 (19°)	256	203	189
LA MOUILLE PH	91°	7-30	-18°	1-25	4- 1 (24°)	6-17 (27°)	6-18 (32°)	-	-	-	-	-	-
LAS VEGAS	111°	7-16	15°	12-12	2-16 (21°)	2-19 (25°)	3- 1 (32°)	10-21 (28°)	10-21 (28°)	12-10 (20°)	297	244	234
LAS VEGAS WB AP	114°	7-15	15°	12-12	2-16 (24°)	2-17 (27°)	2-19 (30°)	10-21 (32°)	12-10 (28°)	12-11 (22°)	298	296	244
LATHROP WELLS	114°	7-15+	5°	1- 2+	2-23 (23°)	2-23 (23°)	3-30 (30°)	10-20 (32°)	12-16 (25°)	12-17 (24°)	297	286	204
LEHMAN CAVES NM	94°	7-15	-	-	5- 5 (24°)	5-21 (26°)	5-31 (30°)	9-13 (32°)	9-30 (26°)	10- 7 (20°)	155	132	105
LOVELOCK	102°	7-14+	-23°	1-26	4- 3 (20°)	4- 4 (24°)	4-30 (30°)	10- 8 (29°)	10- 9 (27°)	10-21 (23°)	201	188	161
LOVELOCK DERBY FLD	102°	7-14+	-38°	1-25	4- 4 (24°)	4-13 (25°)	4-16 (30°)	10- 7 (30°)	10- 9 (22°)	10- 9 (22°)	188	179	174
MALA VISTA RANCH	97°	7-15+	-31°	1- 4	5- 6 (23°)	6-27 (28°)	6-28 (30°)	7-22 (32°)	9-12 (21°)	9-12 (21°)	129	77	24
MARLETTE LAKE	79°	7-14	-20°	1-10	5- 9 (22°)	6- 1 (28°)	6- 2 (32°)	10- 7 (19°)	10- 7 (19°)	10-17 (19°)	151	128	127
MC GILL	93°	8- 1	-15°	1- 6	4-15 (23°)	4-15 (23°)	5- 5 (31°)	10- 8 (23°)	10- 8 (23°)	10- 8 (23°)	176	176	156
MINA	103°	7-15+	- 8°	1-26	4- 4 (24°)	4- 4 (24°)	4- 5 (30°)	10-10 (32°)	10-18 (28°)	10-25 (24°)	204	187	188
MINDEN	96°	7-14	-24°	1-26	5- 9 (23°)	5- 9 (23°)	6- 2 (32°)	9-11 (30°)	10- 9 (20°)	10- 9 (20°)	153	153	101
MONTELO	101°	8- 5	-30°	1-25	4- 8 (23°)	6- 3 (28°)	6- 3 (28°)	9-11 (29°)	9-17 (25°)	10-14 (16°)	189	106	100
MOUNT CHARLESTON LODGE	87°	7-15	-	-	4-12 (24°)	5-20 (27°)	6- 3 (32°)	10- 8 (24°)	10- 8 (24°)	10- 8 (24°)	179	141	127
NIXON	101°	8- 3	-16°	1-25	4- 3 (24°)	5- 8 (27°)	5- 8 (27°)	10- 7 (30°)	10- 8 (20°)	10- 8 (20°)	188	153	152
OROVADA	-	-	-22°	1-25	5-10 (22°)	5-10 (22°)	5-18 (32°)	-	-	-	-	-	-
OVERTON	120°	7-16	19°	1- 5	2-15 (22°)	2-16 (26°)	3-30 (31°)	11-15 (32°)	12-11 (23°)	12-11 (23°)	299	298	230
OWYHEE	95°	7-31	-34°	1-25	5- 5 (24°)	5- 5 (24°)	6- 3 (32°)	9-12 (27°)	9-12 (27°)	10- 9 (15°)	157	130	101
PAIRUMP 2 N	111°	7-15	7°	1- 5+	2-15 (16°)	2-18 (26°)	4- 1 (32°)	10-21 (30°)	12-11 (20°)	12-11 (22°)	299	296	203
PIOCHE	98°	7-15	- 5°	1- 4	3-31 (24°)	3-31 (24°)	5-20 (30°)	10- 8 (25°)	10- 8 (25°)	10-20 (23°)	203	191	141
QUINN RIVER CROSSING	-	-	-25°	1-25	4-15 (23°)	5- 7 (25°)	5- 7 (25°)	9-12 (28°)	9-12 (28°)	10-14 (19°)	183	128	128
RATTLESNAKE	98°	7-15+	-10°	1- 8	3-30 (15°)	4- 3 (28°)	5-20 (32°)	10- 8 (29°)	10-18 (26°)	10-20 (21°)	214	198	141
RENO WB AP	98°	8- 3	-16°	1-25	4- 4 (22°)	5- 6 (28°)	6- 1 (32°)	9-18 (32°)	10- 9 (22°)	10- 9 (22°)	188	156	109
RUBY LAKE	94°	7-31	-26°	1-25	4-15 (20°)	4-16 (27°)	6- 3 (29°)	9-18 (28°)	9-18 (28°)	10- 8 (20°)	177	155	107
RYE PATCH DAM	100°	7-15+	-28°	1-25	4- 4 (22°)	4-16 (28°)	5-21 (32°)	9-18 (30°)	10- 9 (20°)	10- 9 (20°)	188	176	120
SAND PASS	100°	7-15+	-16°	1-25+	4- 4 (24°)	4-30 (27°)	6- 6 (32°)	10- 7 (32°)	10- 9 (22°)	10- 9 (22°)	188	162	123
SARCOMATUS	107°	7-16	- 1°	1-30	3-30 (20°)	4- 2 (27°)	4- 5 (30°)	10-18 (32°)	10-19 (25°)	11-12 (22°)	227	200	196
SCHURZ	101°	7-19	-24°	1-26	3-30 (22°)	4-11 (25°)	5- 7 (32°)	-	-	-	-	-	-
SEARCHLIGHT	108°	7-15	13°	1- 4+	2-15 (22°)	2-15 (22°)	3-24 (32°)	12-10 (31°)	12-11 (22°)	12-11 (22°)	299	299	261
SHELDON	85°	7-14+	-18°	1-24	6-17 (24°)	6-29 (28°)	6-30 (32°)	7-20 (30°)	9-17 (21°)	9-17 (21°)	92	80	20
SMITH	99°	7-15	-27°	1-26	4-10 (24°)	5- 6 (25°)	6- 3 (29°)	9- 5 (32°)	9-18 (28°)	10-14 (24°)	187	135	94
SMOKEY VALLEY	-	-	-	-	-	-	-	10- 7 (31°)	10- 8 (28°)	10- 9 (22°)	-	-	-
THORNE	105°	7-15	- 7°	1-26	3-30 (19°)	4- 1 (28°)	4- 4 (30°)	10-10 (32°)	10-18 (28°)	12- 9 (21°)	255	200	189
TONOPAH	97°	7-15	- 6°	1-25	4- 1 (23°)	4- 3 (27°)	4-30 (32°)	10- 7 (29°)	10- 8 (20°)	10- 8 (20°)	190	188	160
U OF N EXP FARM	98°	7-11	-10°	1-26	4- 1 (22°)	4- 1 (22°)	4-30 (31°)	10- 7 (30°)	10- 9 (26°)	-	-	191	160
WELLINGTON RS	97°	8- 5	-18°	1-26	4- 1 (23°)	4- 5 (28°)	5- 6 (30°)	10- 8 (30°)	10-18 (17°)	10-18 (17°)	200	196	155
WELLS	100°	7-31	-32°	2-13	5- 7 (23°)	6- 3 (25°)	6-20 (29°)	8-25 (31°)	9- 6 (27°)	9-12 (22°)	128	95	66
WILKINS	96°	7-15+	-33°	1-25	6-27 (23°)	6-27 (23°)	6-28 (29°)	7- 1 (32°)	9-11 (27°)	9-12 (16°)	77	76	3
WINNEMUCCA WB CITY	101°	7-14+	-28°	1-25	4- 9 (24°)	4-13 (25°)	5- 6 (32°)	9-17 (28°)	9-17 (28°)	10- 9 (23°)	183	157	134
YERINGTON	100°	7-15	-24°	1-26	4-30 (24°)	5- 6 (25°)	6- 3 (32°)	9-10 (31°)	9-26 (28°)	10- 9 (18°)	162	143	99

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
BOULDER CITY	EVAP	2.59	2.80	6.93	10.17	12.18	16.38	17.36	13.89	12.09	7.52	4.62	2.97	109.50
	DEP	- .98	-1.48	- .65	-1.52	-2.94	-1.04	.13	-1.35	.04	- .45	- .25	- .33	-10.82
	WIND	3642	2302	3335	2660	3030	3325	2708	2232	2270	2662	1482	2493	32141
	MAX	-	-	-	-	83.9	91.2	93.1	89.7	82.5	71.0	64.8	47.7	-
	MIN	-	-	-	-	55.6	62.8	66.1	62.1	59.5	51.7	47.7	35.3	-
LABONTAN	EVAP	-	-	-	7.36	7.57	11.20	12.29	9.12	4.97	2.48	2.09	-	-
	DEP	-	-	-	.48	-1.81	.42	-1.60	-3.90	-2.52	-1.71	- .24	-	-
	WIND	-	-	-	3639	3546	3075	2988	2963	2208	1967	2160	-	-
RUBY LAKE	EVAP	-	-	-	-	-	8.88	9.79	9.04	6.73	2.53	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	750	822	813	831	-	-	1584	-
RYE PATCH DAM	EVAP	-	-	-	-	7.49	12.26	14.79	12.33	9.94	5.04	-	-	-
	DEP	-	-	-	-	-1.88	1.74	- .43	-1.05	.83	.03	-	-	-
	WIND	-	-	-	-	2743	3412	2664	2662	2814	2793	-	-	-

STATION INDEX

NEVADA - 1849

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
							Temp.	Precip.	Evap.										Temp.	Precip.	Evap.		
ACOMA	0015	LINCOLN	3	37 34	114 08	5521				NOV	2	MALA VISTA RANCH	4824	ELKO	6	41 17	115 15	5585	10	10			1 2 3
ADAVEN	0046	WYE	2	38 07	115 35	6250	35	35			1 2 3	MANHATTAN POWER HOUSE	4825	WYE	9	38 32	117 05	7030	4	4			2
ALAMO	0099	LINCOLN	3	37 22	115 09	3446	24	24			1 2 3	MARLETTE LAKE	4858	WASCO	8	39 11	119 55	8000	22	22			1 2 3
ALAMO MAINTENANCE STATION	0109	COLORADO	3	37 22	115 09	4100					JUL	MATHEWS RANCH	4888	LINCOLN	3	37 30	114 13					2	
ARTHUR	0438	ELKO	5	40 48	115 11	6500		38				MC DERMITT INDIAN RESERVATION	4939	HUMBOLDT	7	41 58	117 38	3500	4	0			2
AUSTIN	0507	LANDER	6	39 30	117 04	6830	55	60			1 2 3	MC GILL	4950	WHITE PINE	5	39 24	114 46	6340	37	60			1 2 3
BARCLAY CROSSING	0645	LINCOLN	3	37 31	114 18	5500		7			JUL	WIMA MINERAL	5168	MINERAL	9	38 23	118 06	4350	54	54			1 2 3
BASALT	0668	MINERAL	2	38 00	118 16	8350		1			1 2 3	WINDEN	5181	DOUGLAS	1	38 57	119 46	4700	49	57			1 2 3
BATTLE MOUNTAIN CAA AIRPORT	0681	LANDER	6	40 37	118 52	4528	5	79			1 2 3	WINTO	5238	LINCOLN	3	37 35	114 22	4728	0	0			NOV
BEATTY	0714	WYE	2	38 54	118 45	3314	31	32			1 2 3	WONTELLO	5352	ELKO	5	41 17	114 11	4877	27	71			1 2 3
BOEWANE	0795	EUREKA	8	40 36	118 29	4695	70	78			1 2 3	MOUNT CHARLESTON LODGE	5400	CLARK	4	38 16	115 39	7500	1	1			JAN
BOULDER CITY	1071	CLARK	3	35 59	114 51	2525	17	17	14		1 2 3 4	NIXON	5605	WASCO	8	39 48	119 20	3910	21	21			1 2 3
BUCKSKIN MOUNTAIN	1308	HUMBOLDT	6	41 47	117 33	7800		2			2	NORTE FORK MAINTENANCE STA	5691	ELKO	8	41 29	115 49	4500	39	39			1 2 3
HUNKER PEAK	1320	COLORADO	3	37 27	114 07	5575	0				DEC	OROVADA	5818	HUMBOLDT	7	41 34	117 47	4300	25	37			1 2 3
CALIENTE	1358	LINCOLN	3	37 37	114 31	4402	25	27			1 2 3	OVERLAND PASS	5840	WHITE PINE	8	40 01	115 35	6789	1	1		11-48	2
CARP	1443	LINCOLN	3	37 07	114 30	3000	1				APR	OVERTON	5846	CLARK	3	38 33	114 27	1275	10	10			1 2 3
CARSON CITY	1485	ORMSBY	1	39 10	119 46	4675	53	56			1 2 3	OWYEE	5869	ELKO	4	41 57	116 06	5396	27	27			1 2 3
COALDALE	1755	ESMERALDA	2	37 58	117 59	4646	7	7			1 2 3	PAHRUMP 2 N	5890	WYE	2	36 12	115 59	2640	1	1			1 2 3
COLD CREEK RANCH	1790	CLARK	3	36 25	115 44	6000	3				2	PAHRUMP RANCH	5897	WYE	2	36 11	118 00	2669	1	5			2
CONTACT	1905	ELKO	4	41 47	114 45	5365	5				2	PALMETTO	5931	ESMERALDA	2	37 27	117 45	6900	4	4			2
COON CREEK PEAK	1925	ELKO	4	41 47	115 28	8300	1				11-48	PARADISE VALLEY	6000	HUMBOLDT	8	41 30	117 32	4650	5	5			2
COTTONWOOD RANCH	2020	LANDER	6	40 06	117 21	5400		2			AUG	PARADISE VALLEY RANGER STA	6005	HUMBOLDT	6	41 30	117 32	4650	45	45			2
CRESTLINE	2035	LINCOLN	3	37 41	114 08	5882	0				NOV	PEQUOP	6148	ELKO	5	41 04	114 32	6000	5	5			2
CURRY	2078	WYE	2	38 45	115 28	5183	7	7			1 2 3	PINE CANYON	6235	LINCOLN	3	37 24	114 14	6500	0	0			DEC
DESERT GAME RANGE	2243	CLARK	3	38 26	115 21	3025	9	9			1 2 3	PIOCHE	8252	LINCOLN	3	37 56	118 28	6110	20	27			1 2 3
DYER	2431	ESMERALDA	2	37 43	118 05	4950	1				2	PRIMEAUX	6349	EUREKA	6	40 40	116 19	8000	3	4			2
EASTGATE	2477	CHURCHILL	2	39 19	117 53	4000	5				1 2 3	QUINN RIVER CROSSING	6504	HUMBOLDT	7	41 34	118 27	4087	25	25			1 2 3
ELKO WB AIRPORT	2573	ELKO	8	40 50	115 47	5075	53	79			1 2 3	RATTLESNAKE	8630	WYE	2	38 26	116 03	5913	7	7			1 2 3
ELY WB AIRPORT	2631	WHITE PINE	5	39 17	114 51	6257	10	10			1 2 3	RED ROCK SUMMIT	8733	CLARK	3	36 08	115 31	6500	4	4			1 2 3
FALLON EXPERIMENT STATION	2760	CHURCHILL	1	39 27	118 47	3965	45	53			1 2 3	RENO WB AIRPORT	8779	WASCO	8	38 30	119 47	4397	61	61			1 2 3
FERNLEY	2840	LYON	8	38 36	119 15	4200	1	1			JUN	ROBERTS RANCH	6905	CLARK	2	36 10	115 35	6190	5	5			1 2 3
FERNLEY MAINTENANCE STATION	2849	LYON	8	39 37	119 15	4160	7				1 2 3	RUBY LAKE	7123	ELKO	5	40 12	115 30	6012	9	9	4		1 2 3 4
FISH CREEK RANCH	2860	EUREKA	2	39 16	116 00	6050	5	6			1 2 3	RYE PATCH DAM	7192	PERISHING	8	40 28	118 18	4161	14	14			1 2 3 4
GERLACH	3090	WASCO	7	40 35	119 24	3980	36	37			1 2 3	SADLER RANCH	7224	ELKO	6	40 12	115 44	5690	1	1		11-48	1 2 3
GETSER	3101	LINCOLN	5	38 38	114 38	5884	7	20			1 2 3	SAND PASS	7261	WASCO	7	40 19	119 48	3900	34	34			1 2 3
GLENBROOK	3205	DOUGLAS	8	39 05	119 56	6400	10	10			1 2 3	SAN JACINTO	7284	ELKO	4	41 53	114 41	5200	45	45			JUN
GOLCONDA	3245	HUMBOLDT	6	40 58	117 30	4392	56	70			1 2 3	SARCOPATUS	7319	WYE	2	37 17	117 00	4020	6	6			1 2 3
GOLDFIELD	3285	ESMERALDA	2	37 43	117 13	5700	43	43			1 2 3	SCHILLBOURNE	7330	WHITE PINE	5	39 48	114 44			3			1 2 3
GONCE CREEK	3303	ELKO	6	41 18	115 55	6360	1				11-48	SCHURZ	7358	MINERAL	9	38 57	118 49	4124	29	29			1 2 3
HANES CREEK	3450	ELKO	6	41 27	115 23	6700	1				11-48	SEARCHLIGHT	7369	CLARK	2	35 28	114 55	3540	33	33			1 2 3
HARRISON PASS	3498	ELKO	6	40 20	115 31	7300		2			2	SEVENTY ONE RANCH	7397	ELKO	6	40 53	115 19	5550	8	9			2
HAWTHORNE BARBIT	3515	MINERAL	9	38 32	118 39	4180	29	33			1 2 3	SHELDON	7443	WASCO	7	41 51	119 38	6500	15	15			1 2 3
HIDDEN FOREST CAMP	3653	CLARK	3	36 43	115 13	8100					2	SMITH	7609	LYON	9	38 49	119 24	4800	11	11			1 2 3
IMLAY	3957	PERISHING	6	40 40	118 10	4209	34	78			1 2 3	SNOKEY VALLEY	7620	WYE	2	38 47	117 10	5625	1	1		JUN	1 2 3
INDIAN SPRINGS	3980	CLARK	3	38 34	115 40	3136	10	10			1 2 3	SOLDIER CREEK	7680	ELKO	6	40 47	115 18	6800	1	1		11-48	2
JACKS CREEK PASS	4026	ELKO	8	41 34	116 00	7725					2	SULPHUR	7873	HUMBOLDT	7	40 54	118 40	4044	34	34			1 2 3
JARBIDGE	4038	ELKO	4	41 52	115 26	6100	10				1 2 3	SUNNYSIDE	7908	WYE	2	38 26	115 01			7			1 2 3
JIGGS	4086	ELKO	6	40 25	115 40	5200	3	4			2	THORNE	8034	MINERAL	9	38 36	118 36	4200	32	57			1 2 3
KIMBERLY	4199	WHITE PINE	5	39 16	115 02	7230	21	21			1 2 3	TOMPAH	8160	WYE	2	38 04	117 14	6101	42	42			1 2 3
KYLE CANYON RANGER STATION	4134	CLARK	3	36 16	115 38	7165	8	8			JAN	TUSCARORA WILLIAMS RANCH	8349	ELKO	4	41 21	116 04	8400	39	39			2
LAHONTAN	4349	CHURCHILL	1	39 28	119 04	4200	38	42	23		1 2 3 4	UNIV OF NEVADA EXP FARM	8500	WASCO	8	39 31	119 47	4512	1	1		JAN	1 2 3
LAOWILLE POWER HOUSE	4395	ELKO	6	40 41	115 28	6290	33	45	27		1 2 3 4	WADSWORTH	8834	WASCO	8	39 38	119 17	4077	26	43			JUN
LAS VEGAS	4429	CLARK	3	36 10	115 09	2006	39	45			1 2 3	WELLINGTON RANGER STATION	8977	LYON	9	38 45	119 23	4800	6	7			1 2 3
LAS VEGAS WB AIRPORT	4434	CLARK	3	38 14	115 02	1878	12	12			1 2 3	WELLS	8988	ELKO	6	41 07	114 58	5633	38	59			1 2 3
LATHROP WELLS	4457	WYE	2	36 38	116 24	2659	7	7			1 2 3	WILKINS	9122	ELKO	2	41 26	114 45	5700	1	1			1 2 3
LEE	4491	ELKO	6	40 34	115 37	6000					2	WILLOW SPRINGS	9137	WYE	2	38 26	117 12	6120	7	7			JUN
LEE CANYON SUMMIT	4502	CLARK	3	36 18	115 41	5600		3			2	WYATT HUMBOLDT	9171	HUMBOLDT	6	40 58	117 44	4288	70	80			1 2 3
LEMAN CAYES NATL MONUMENT	4514	WHITE PINE	5	38 59	114 13	6825	11	11			1 2 3	YERINGTON	9229	LYON	9	38 59	119 10	4375	35	53			1 2 3
LOVELOCK	4698	PERISHING	6	40 12	118 28	3977	37	57			1 2 3	YERINGTON SCS Y NO 1	9234	LYON	9	38 59	119 10	4382	10	10			1 2 3
LOVELOCK CAA AIRPORT	4700	PERISHING	6	40 04	118 34	3900	1	1			1 2 3												

1 CARSON, 2 CENTRAL, 3 COLORADO, 4 COLUMBIA, 5 EASTERN, 6 HUMBOLDT, 7 NORTHWESTERN, 8 TRUCKEE, 9 WALKER.

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F.; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicates distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- No record.

+ Also later dates or months.

B Adjusted to full month.

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